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NRC TLD Direct Radiation Monitoring Network

Progress Report
July-September 1984

**U.S. Nuclear Regulatory
Commission**

NRC Region I

J. Jang, M. Kramaric, L. Cohen



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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 1984. A complete listing of the site facilities monitored is included. In some instances, two power reactor facilities are monitored by the same set of dosimeters (e.g., Kewaunee and Point Beach).

All radiation measurements are made using small, passive detectors called thermoluminescent dosimeters (TLDs), which provide a quantitative measurement of the radiation levels in the area in which they are placed. Each site is monitored by arranging approximately 40 to 50 TLD stations in two concentric rings extending to about five miles from the facility. All TLD stations are outside the site boundary of the facility. A complete description of the program can be found in NUREG-0837, Volume 2, Number 4 and NUREG-0837, Volume 3, Number 4. The National Bureau of Standards (NBS) has been performing an independent study of the following characteristics of the NRC dosimetry system; energy response, angular dependence, temperature and humidity sensitivity, fading, light dependence, self-irradiation, and reproducibility. NBS has also tested the response of the NRC's dosimetry system against the requirements of ANSI N545-1975 and NRC Regulatory Guide 4.13. Details of this testing can be found in NUREG/CR-2560 and NUREG/CR-3120.

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

Three sets of data are presented for each site. The first set includes the TLD station number, its direction and distance from the site, the integrated gross exposure for the period, and the net exposure normalized to a 90-day quarter (standard quarter). All measurements are listed with their respective random and total uncertainties.

The uncertainties are listed in the following format:

$$X \pm S_x; U_x$$

where X = value of the result

S_x = random uncertainty expressed as one standard deviation

U_x = combined total uncertainty

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

This report is one of a continuing series of technical reports covering the results and experiences of the operation of the NRC TLD Direct Radiation Monitoring Network. Suggestions on methods to improve the presentation or analysis of the data contained in this NUREG are appreciated and should be submitted to NRC Region I, 631 Park Avenue, King of Prussia, Pennsylvania 19406, ATTN: Radiation Dosimetry Specialist.

ATTACHMENT 1Sites Monitored During Second Quarter, 1984

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

ARKANSAS
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840611-840926 108 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS			NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	EXPOSURE(mR)	+ -	Rdm; Tot.	mR/Std.Qtr.	+ -	Rdm; Tot.
001	4	0.4	24.2	+-	.7	3.6	NO	NET DATA
002	353	4.1	21.3	+-	.6	3.2	NO	NET DATA
003	32	1.3	24.8	+-	.7	3.7	NO	NET DATA
004	13	3.3	21.7	+-	.6	3.2	NO	NET DATA
005	53	1.5	23.7	+-	.7	3.5	NO	NET DATA
006	37	3.6	20.8	+-	.6	3.1	NO	NET DATA
007	78	2.5	26.0	+-	.8	3.9	NO	NET DATA
008	60	3.2	24.6	+-	.7	3.7	NO	NET DATA
009	92	0.5	25.5	+-	.8	3.8	NO	NET DATA
010	83	5.5	23.5	+-	.7	3.5	NO	NET DATA
011	122	2.1	21.0	+-	.6	3.1	NO	NET DATA
012	109	6.0	23.5	+-	.7	3.5	NO	NET DATA
013	138	2.6	18.4	+-	.6	2.8	NO	NET DATA
014	130	4.9	23.2	+-	.7	3.5	NO	NET DATA
016	167	4.4	23.5	+-	.7	3.5	NO	NET DATA
017	171	0.4	22.6	+-	.7	3.4	NO	NET DATA
018	189	3.2	22.8	+-	.7	3.4	NO	NET DATA
019	205	2.9	22.1	+-	.7	3.3	NO	NET DATA
020	195	5.6	20.9	+-	.6	3.1	NO	NET DATA
021	235	0.5	25.1	+-	.8	3.8	NO	NET DATA
022	230	3.6	18.3	+-	.5	2.7	NO	NET DATA
023	257	2.8	22.4	+-	.7	3.4	NO	NET DATA
024	243	4.5	22.5	+-	.7	3.4	NO	NET DATA
025	279	1.2	27.2	+-	.8	4.1	NO	NET DATA
026	263	4.3	24.1	+-	.7	3.6	NO	NET DATA
027	298	0.4	23.9	+-	.7	3.6	NO	NET DATA
028	293	5.8	22.5	+-	.7	3.4	NO	NET DATA
029	326	1.9	23.6	+-	.7	3.5	NO	NET DATA
030	308	4.8	23.6	+-	.7	3.5	NO	NET DATA
031	345	1.3	24.1	+-	.7	3.6	NO	NET DATA
032	335	4.2	20.6	+-	.6	3.1	NO	NET DATA
033	110	0.8	24.4	+-	.7	3.7	NO	NET DATA
039	112	6.0	23.7	+-	.7	3.6	NO	NET DATA
040	147	8.0	25.4	+-	.8	3.8	NO	NET DATA
041	106	17.	22.6	+-	.7	3.4	NO	NET DATA
042	310	17.	21.7	+-	.6	3.2	NO	NET DATA
043	0	5.2	23.4	+-	.7	3.5	NO	NET DATA
044	0	9.1	24.8	+-	.7	3.7	NO	NET DATA
045	0	8.9	20.0	+-	.6	3.0	NO	NET DATA
046	0	8.3	24.4	+-	.7	3.7	NO	NET DATA

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

ARKANSAS
 FOR THE PERIOD 840611-840926

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	19.2 \pm 1.6	6
11.25-33.75 (NNE)	19.4 \pm 1.9	2
33.75-56.25 (NE)	18.5 \pm 1.7	2
56.25-78.75 (ENE)	21.1 \pm .8	2
78.75-101.25 (E)	20.4 \pm 1.2	2
101.25-123.75 (ESE)	19.2 \pm 1.1	5
123.75-146.25 (SE)	17.3 \pm 2.8	2
146.25-168.75 (SSE)	20.4 \pm 1.1	2
168.75-191.25 (S)	18.9 \pm .1	2
191.25-213.75 (SSW)	17.9 \pm .7	2
213.75-236.25 (SW)	18.1 \pm 4.0	2
236.25-258.75 (WSW)	18.7 \pm .0	2
258.75-281.25 (W)	21.3 \pm 1.8	2
281.25-303.75 (WNW)	19.3 \pm .9	2
303.75-326.25 (NW)	19.1 \pm .9	3
326.25-348.75 (NNW)	18.6 \pm 2.1	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	20.4 \pm 1.0	11
2-5	18.4 \pm 1.7	17
>5	19.2 \pm 1.3	12
UPWIND CONTROL DATA	NO DATA	NO DATA

BEAVER VALLEY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841019 127 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	344	16.	19.2 +- .6	2.9	13.7 +- .7	3.3
002	006	13.	19.8 +- .6	0.9	14.4 +- .7	3.4
004	31	12	21.5 +- .6	0.2	15.9 +- .7	3.6
005	55	8.4	20.5 +- .6	0.1	15.0 +- .7	3.5
006	60	9.5	22.2 +- .7	0.3	16.6 +- .8	3.7
007	97	8	22.5 +- .7	0.4	17.0 +- .8	3.7
008	110	4.3	22.8 +- .7	0.4	17.2 +- .8	3.8
009	110	2.2	21.2 +- .6	0.2	15.7 +- .7	3.6
010	91	2.4	22.6 +- .7	0.4	17.0 +- .8	3.7
011	77	3.7	22.8 +- .7	0.4	17.2 +- .8	3.8
012	153	4.2	24.0 +- .7	0.6	18.4 +- .8	3.9
013	170	4.4	21.6 +- .6	0.2	16.0 +- .8	3.6
014	190	4.4	21.3 +- .6	0.2	15.8 +- .7	3.6
015	208	3.5	21.9 +- .7	0.3	16.3 +- .8	3.6
016	264	5.6	21.2 +- .6	0.2	15.7 +- .7	3.6
017	270	6.3	22.3 +- .7	0.3	16.8 +- .8	3.7
018	232	2.4	21.9 +- .7	0.3	16.4 +- .8	3.6
019	267	2.3	24.1 +- .7	0.6	18.4 +- .8	3.9
020	294	3.4	19.6 +- .6	0.9	14.2 +- .7	3.4
021	286	1.4	24.0 +- .7	0.6	18.3 +- .8	3.9
022	220	1.3	21.5 +- .6	0.2	15.9 +- .7	3.6
023	255	2.3	25.4 +- .8	0.8	19.7 +- .8	4.4
024	209	2.1	22.8 +- .7	0.4	17.2 +- .8	3.8
025	186	2.1	23.1 +- .7	0.5	17.5 +- .8	3.8
026	190	2.2	22.2 +- .7	0.3	16.7 +- .8	3.7
027	125	2	22.9 +- .7	0.4	17.3 +- .8	3.8
028	87	1.6	23.2 +- .7	0.5	17.6 +- .8	3.8
029	59	1.5	21.8 +- .7	0.3	16.3 +- .8	3.6
030	50	1.2	22.1 +- .7	0.3	16.5 +- .8	3.7
031	320	1.2	22.3 +- .7	0.3	16.7 +- .8	3.7
032	325	0.5	21.5 +- .6	0.2	15.9 +- .7	3.6
033	341	2.5	21.7 +- .7	0.2	16.2 +- .8	3.6
034	343	5.2	20.4 +- .6	0.1	14.9 +- .7	3.5
035	9	3.6	21.7 +- .6	0.2	16.1 +- .8	3.6
036	14	3.3	25.4 +- .8	0.8	19.7 +- .8	4.4
037	37	3	19.2 +- .6	0.9	13.7 +- .7	3.3
038	22	1.8	21.2 +- .6	0.2	15.7 +- .7	3.6
039	351	1.6	21.9 +- .7	0.3	16.3 +- .8	3.6
040	344	15.	18.6 +- .6	0.8	13.2 +- .7	3.2
041	344	15.	19.1 +- .6	0.9	13.7 +- .7	3.3

TRANSIT DOSE = 4.8 +- .4 ; 1.9

BEAVER VALLEY
FOR THE PERIOD 840615-841019

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.8 \pm 1.1	3
11.25-33.75 (NNE)	17.1 \pm 2.2	3
33.75-56.25 (NE)	15.1 \pm 1.4	3
56.25-78.75 (ENE)	16.7 \pm .5	3
78.75-101.25 (E)	17.2 \pm .3	3
101.25-123.75 (ESE)	16.5 \pm 1.1	2
123.75-146.25 (SE)	17.3 \pm 0.0	1
146.25-168.75 (SSE)	18.4 \pm 0.0	1
168.75-191.25 (S)	16.5 \pm .7	4
191.25-213.75 (SSW)	16.8 \pm .6	2
213.75-236.25 (SW)	16.2 \pm .3	2
236.25-258.75 (WSW)	19.7 \pm 0.0	1
258.75-281.25 (W)	17.0 \pm 1.4	3
281.25-303.75 (WNW)	16.3 \pm 2.9	2
303.75-326.25 (NW)	16.3 \pm .5	2
326.25-348.75 (NNW)	15.5 \pm .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.7 \pm .9	9
2-5	16.8 \pm 1.5	20
>5	15.8 \pm 1.0	8
UPWIND CONTROL DATA	13.5 \pm .3	3

BIG ROCK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841012 122 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE			
	AZIMUTH/ (deg.)	DIST (mi.)	+ -	Rdm;	Tot.	mR/Std.Qtr.	+ -	Rdm;	Tot.
001	208	4.9	17.6	+-	.5	2.6	NO	NET	DATA
002	220	3.6	17.0	+-	.5	2.5	NO	NET	DATA
003	204	2.4	17.8	+-	.5	2.7	NO	NET	DATA
004	176	3.3	17.7	+-	.5	2.7	NO	NET	DATA
005	161	4.6	18.9	+-	.6	2.8	NO	NET	DATA
006	133	4.7	17.8	+-	.5	2.7	NO	NET	DATA
007	116	3.7	17.9	+-	.5	2.7	NO	NET	DATA
008	111	4.7	18.1	+-	.5	2.7	NO	NET	DATA
009	98	4.5	17.0	+-	.5	2.5	NO	NET	DATA
010	88/	12.	16.2	+-	.5	2.4	NO	NET	DATA
011	83/	16.	18.0	+-	.5	2.7	NO	NET	DATA
012	83/	16.	18.1	+-	.5	2.7	NO	NET	DATA
013	83/	16.	MISSING OR DAMAGED DOSIMETER						
014	77	3.4	15.7	+-	.5	2.4	NO	NET	DATA
015	96	1.8	17.8	+-	.5	2.7	NO	NET	DATA
016	118	2.0	17.7	+-	.5	2.6	NO	NET	DATA
017	134	2.0	17.1	+-	.5	2.6	NO	NET	DATA
018	222	1.9	15.5	+-	.5	2.6	NO	NET	DATA
019	194	1.4	19.7	+-	.6	2.9	NO	NET	DATA
020	179	1.5	16.8	+-	.5	2.5	NO	NET	DATA
021	153	1.1	16.7	+-	.5	2.5	NO	NET	DATA

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

BIG ROCK
FOR THE PERIOD 840613-0.1012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	11.8 \pm 0.0	1
78.75-101.25 (E)	12.5 \pm .6	3
101.25-123.75 (ESE)	13.2 \pm .2	3
123.75-146.25 (SE)	12.9 \pm .4	2
146.25-168.75 (SSE)	13.1 \pm 1.2	2
168.75-191.25 (S)	12.7 \pm .5	2
191.25-213.75 (SSW)	13.5 \pm .8	3
213.75-236.25 (SW)	12.0 \pm .8	2
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	12.9 \pm 1.0	7
2-5	12.9 \pm .6	10
>5	12.0 \pm 0.0	1
UPWIND CONTROL DATA	13.3 \pm .1	2

BRAIDWOOD
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840730-841004 67 DAYS
 FIELD TIME 49 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.
001	351	.8	11.6	1.3	1.7	3.7
002	19	1.3	10.9	.3	1.6	3.5
003	45	2	11.1	.3	1.7	3.6
004	66	2.1	10.4	.3	1.6	3.4
005	87	1.8	11.1	.3	1.7	3.6
006	114	2	10.9	.3	1.6	3.5
007	133	2.7	11.5	.3	1.7	3.7
008	151	2.8	11.8	.4	1.8	3.8
009	172	3.9	14.9	.4	2.2	4.4
010	197	2.8	12.1	.4	1.8	3.8
011	222	1.4	11.9	.4	1.8	3.8
012	252	1.1	12.2	.4	1.8	3.8
013	261	1.8	12.8	.4	1.8	3.8
014	278	1.2	11.4	.3	1.7	3.7
015	318	1.3	10.9	.3	1.6	3.5
016	335	1.6	10.9	.3	1.6	3.5
017	359	1.5	11.8	.3	1.6	3.6
018	018	3.5	15.9	.5	2.4	4.8
019	042	6.3	12.4	.4	1.9	3.9
020	069	5.7	12.2	.4	1.8	3.8
021	086	6.8	13.4	.4	2.0	4.1
022	100	10	13.8	.4	2.1	4.2
023	45	4.9	11.9	.4	1.8	3.8
024	070	4.2	12.5	.4	1.9	3.9
025	086	4.1	12.4	.4	1.9	3.9
026	113	4.4	13.8	.4	1.9	4.0
027	142	6.4	12.9	.4	1.9	3.9
028	161	6.1	11.5	.3	1.7	3.7
029	180	6.1	16.5	.5	2.5	4.9
030	191	5.8	16.9	.5	2.5	5.0
031	230	5.8	15.1	.5	2.3	4.6
032	266	5.3	12.1	.4	1.8	3.8
033	289	4.1	13.2	.4	2.0	4.1
034	315	4.3	12.8	.4	1.9	4.0
035	333	4.5	12.7	.4	1.9	4.0
036	000	5.9	11.5	.3	1.7	3.7
037	021	5.3	11.4	.3	1.7	3.7
038	190	10	10.2	.3	1.5	3.4
039	224	13	11.8	.4	1.8	3.7
040	224	13	14.8	.4	2.1	4.3

TRANSIT DOSE = 2.5 +- .2 ; 1.0

BRAIDWOOD
FOR THE PERIOD 840730-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.2 \pm .6	3
11.25-33.75 (NNE)	18.7 \pm 5.1	3
33.75-56.25 (NE)	17.0 \pm 1.2	3
56.25-78.75 (ENE)	16.8 \pm 2.1	3
78.75-101.25 (E)	18.6 \pm 2.2	4
101.25-123.75 (ESE)	17.3 \pm 2.7	2
123.75-146.25 (SE)	17.7 \pm 1.8	2
146.25-168.75 (SSE)	16.8 \pm .4	2
168.75-191.25 (S)	22.2 \pm 5.6	4
191.25-213.75 (SSW)	17.6 \pm 0.0	1
213.75-236.25 (SW)	20.1 \pm 4.1	2
236.25-258.75 (WSW)	17.7 \pm 0.0	1
258.75-281.25 (W)	17.0 \pm .7	3
281.25-303.75 (WNW)	19.6 \pm 0.0	1
303.75-326.25 (NW)	17.0 \pm 2.5	2
326.25-348.75 (NNW)	17.0 \pm 2.4	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.1 \pm .9	12
2-5	18.7 \pm 2.6	13
>5	19.3 \pm 3.7	13
UPWIND CONTROL DATA	19.0 \pm 2.9	2

BROWNS FERRY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841025 134 DAYS
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Otr. + Rdm; Tot.	
001	130	9	20.5	+- .6	15.7	+- .00
002	133	5.5	18.9	+- .6	14.0	+- .00
003	153	4.3	21.8	+- .7	17.0	+- .00
004	210	5.0	23.1	+- .7	18.4	+- .00
005	220	6	20.2	+- .6	15.0	+- .00
006	245	4.5	24.1	+- .7	19.0	+- .00
007	269	1.9	20.1	+- .6	15.0	+- .00
008	257	11.	20.9	+- .6	16.1	+- .00
009	295	7	21.1	+- .6	16.0	+- .00
010	292	4.5	22.5	+- .7	17.0	+- .00
011	269	1.9	22.6	+- .7	17.0	+- .00
012	240	2.6	21.0	+- .6	16.0	+- .00
013	220	1.7	22.0	+- .7	17.0	+- .00
014	268	17	23.6	+- .7	19.0	+- .00
015	201	3	21.9	+- .7	17.1	+- .00
016	181	3	22.9	+- .7	18.0	+- .00
017	50	9.9	20.7	+- .6	15.9	+- .00
018	51	9.9	19.2	+- .6	14.0	+- .00
019	62	9.9	20.6	+- .6	15.0	+- .00
020	06	9.9	23.9	+- .7	19.0	+- .00
021	111	0.1	23.1	+- .7	18.0	+- .00
022	64	1.1	26.6	+- .9	20.1	+- .00
023	70	0.6	23.4	+- .7	18.0	+- .00
024	111	0.8	23.3	+- .7	18.0	+- .00
025	46	2.2	23.4	+- .7	18.0	+- .00
026	26	1.7	25.7	+- .8	21.0	+- .00
027	333	1.7	20.9	+- .6	16.0	+- .00
028	333	1	22.3	+- .7	17.0	+- .00
029	27	3.8	24.0	+- .7	20.0	+- .00
030	0	4	19.3	+- .6	14.4	+- .00
031	340	5.3	24.4	+- .7	19.0	+- .00
032	312	12	24.0	+- .7	19.4	+- .00
033	0	1.5	24.3	+- .7	19.7	+- .00
034	52	7	MISSING OR DAMAGED DOSIMETER			
035	95	5.4	22.3	+- .7	17.0	+- .00
036	68	5.6	MISSING OR DAMAGED DOSIMETER			
037	149	7.8	21.3	+- .6	16.5	+- .00
038	164	7	19.9	+- .6	15.0	+- .00
TRANSIT DOSE = 5.7 +- .4 ; 1.9						

BROWNS FERRY
FOR THE PERIOD 840614-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.1 \pm 3.8	2
11.25-33.75 (NNE)	20.7 \pm .7	2
33.75-56.25 (NE)	16.3 \pm 2.2	3
56.25-78.75 (ENE)	18.9 \pm 4.5	2
78.75-101.25 (E)	18.5 \pm .8	3
101.25-123.75 (ESE)	18.5 \pm .1	2
123.75-146.25 (SE)	14.8 \pm 1.2	2
146.25-168.75 (SSE)	16.2 \pm 1.0	3
168.75-191.25 (S)	18.2 \pm 0.0	1
191.25-213.75 (SSW)	17.8 \pm .9	2
213.75-236.25 (SW)	16.4 \pm 1.5	2
236.25-258.75 (WSW)	17.9 \pm 2.3	2
258.75-281.25 (W)	16.6 \pm 1.9	2
281.25-303.75 (WNW)	17.0 \pm 1.0	2
303.75-326.25 (NW)	19.4 \pm 0.0	1
326.25-348.75 (NNW)	17.8 \pm 1.9	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	18.4 \pm 2.3	9
2-5	17.5 \pm 1.9	13
>5	16.9 \pm 1.9	12
UPWIND CONTROL DATA	17.6 \pm 2.0	2

BRUNSWICK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840703-841012 102 DAYS
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm	± Tot.		mR/Std. Qtr. + Rdm	± Tot.	
001	260	2.2	10.7	± .3	1.6	10.3	± .5	2.2
002	245	3.4	12.1	± .4	1.8	11.8	± .5	2.4
003	231	3.8	11.1	± .3	1.7	10.7	± .5	2.3
004	210	4.9	13.2	± .4	2.0	13.0	± .5	2.5
005	186	4.3	12.4	± .4	1.9	12.1	± .5	2.4
006	270	4.5	11.0	± .3	1.7	10.6	± .5	2.3
007	272	4.4	11.8	± .4	1.8	11.4	± .5	2.4
008	73	1.3	13.2	± .4	2.0	12.9	± .5	2.5
009	97	1.0	12.2	± .4	1.8	11.9	± .5	2.4
010	120	1.5	12.5	± .4	1.9	12.2	± .5	2.5
011	131	0.9	12.1	± .4	1.8	11.8	± .5	2.4
012	156	1.1	13.1	± .4	2.0	12.8	± .5	2.5
013	180	1.1	12.4	± .4	1.9	12.1	± .5	2.4
014	194	2.4	MISSING OR DAMAGED DOSIMETER					
015	201	2.0	11.5	± .3	1.7	11.1	± .5	2.3
016	218	1.2	MISSING OR DAMAGED DOSIMETER					
017	252	1.1	12.6	± .4	1.9	12.3	± .5	2.5
018	272	1.2	12.3	± .4	1.8	12.0	± .5	2.4
019	19	1.1	11.7	± .3	1.7	11.3	± .5	2.3
020	2	1.1	11.9	± .4	1.8	11.5	± .5	2.4
021	288	1.3	10.5	± .3	1.6	10.1	± .5	2.2
022	307	1.5	11.6	± .3	1.7	11.2	± .5	2.3
023	338	2.	12.3	± .4	1.8	12.0	± .5	2.4
024	325	4.9	11.3	± .3	1.7	10.9	± .5	2.3
025	338	3.8	11.8	± .4	1.8	11.4	± .5	2.4
026	356	5.2	11.3	± .3	1.7	10.9	± .5	2.3
027	30	6.4	11.0	± .3	1.7	10.6	± .5	2.3
028	43	9.0	MISSING OR DAMAGED DOSIMETER					
029	50	8.5	12.5	± .4	1.9	12.2	± .5	2.5
030	59	7.2	12.5	± .4	1.9	12.2	± .5	2.5
031	65	6.5	12.1	± .4	1.8	11.8	± .5	2.4
032	74	5.8	MISSING OR DAMAGED DOSIMETER					
033	88	4.1	12.0	± .4	1.8	11.7	± .5	2.4
034	12/	17.	12.7	± .4	1.9	12.4	± .5	2.5
035	16/	18.	11.5	± .3	1.7	11.2	± .5	2.3
036	284	15.	12.2	± .4	1.8	11.9	± .5	2.4
037	284	15.	13.1	± .4	2.0	12.9	± .5	2.5
038	285	15.	13.4	± .4	2.0	13.1	± .5	2.6
039	287	4.6	11.4	± .3	1.7	11.1	± .5	2.3
040	271	0.7	MISSING OR DAMAGED DOSIMETER					
TRANSIT DOSE =			1.0	± .3	1.4			

BRUNSWICK
FOR THE PERIOD 840703-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.2 \pm .4	2
11.25-33.75 (NNE)	11.4 \pm .8	4
33.75-56.25 (NE)	12.2 \pm 0.0	1
56.25-78.75 (ENE)	12.3 \pm .8	3
78.75-101.25 (E)	11.8 \pm .1	2
101.25-123.75 (ESE)	12.2 \pm 0.0	1
123.75-146.25 (SE)	11.8 \pm 0.0	1
146.25-168.75 (SSE)	12.8 \pm 0.0	1
168.75-191.25 (S)	12.1 \pm .0	2
191.25-213.75 (SSW)	12.0 \pm 1.3	2
213.75-236.25 (SW)	10.7 \pm 0.0	1
236.25-258.75 (WSW)	12.0 \pm .3	2
258.75-281.25 (W)	11.1 \pm .8	4
281.25-303.75 (WNW)	10.6 \pm .7	2
303.75-326.25 (NW)	11.1 \pm .2	2
326.25-348.75 (NNW)	11.7 \pm .4	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	11.8 \pm .7	14
2-5	11.4 \pm .8	11
>5	11.6 \pm .7	7
UPWIND CONTROL DATA	12.6 \pm .7	3

BYRON
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840730-841004 67 DAYS
 FIELD TIME 50 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+ - Rdm	Tot.		mR/Std. Qtr. + - Rdm	Tot.	
001	10	1.1	14.2	+- .4	2.1	22.0	+- .9	4.3
002	23	1.0	14.5	+- .4	2.2	22.7	+- .9	4.4
003	46	1.6	13.2	+- .4	2.0	20.3	+- .8	4.1
004	68	1.6	14.2	+- .4	2.1	22.0	+- .9	4.3
005	86	1.4	15.0	+- .5	2.3	23.6	+- .9	4.5
006	112	1.3	13.2	+- .4	2.0	20.3	+- .8	4.1
007	133	1.4	14.0	+- .4	2.1	21.7	+- .9	4.3
008	175	2.2	14.0	+- .4	2.2	23.1	+- .9	4.5
009	156	0.6	13.3	+- .4	2.0	20.4	+- .8	4.1
010	183	0.5	13.3	+- .4	2.0	20.5	+- .8	4.1
011	210	0.6	13.1	+- .4	2.0	20.2	+- .8	4.1
012	236	0.9	14.4	+- .4	2.2	22.5	+- .9	4.4
013	247	0.8	13.5	+- .4	2.0	20.9	+- .8	4.2
014	262	0.7	14.5	+- .4	2.2	22.6	+- .9	4.4
015	298	0.8	12.5	+- .4	1.9	19.0	+- .8	3.9
016	326	1.0	12.5	+- .4	1.9	19.1	+- .8	3.9
017	333	1.6	11.9	+- .4	1.8	17.3	+- .7	3.6
018	23	4.0	11.5	+- .3	1.7	17.3	+- .7	3.7
019	17	4.1	11.0	+- .3	1.7	16.4	+- .7	3.6
020	5	4.3	13.4	+- .4	2.0	20.7	+- .8	4.1
021	340	4.2	14.0	+- .4	2.1	21.7	+- .9	4.3
022	322	4.9	13.2	+- .4	2.0	20.2	+- .8	4.1
023	304	6.9	12.2	+- .4	1.8	18.4	+- .7	3.8
024	270	4.0	13.9	+- .4	2.1	21.5	+- .9	4.2
025	244	4.6	11.1	+- .3	1.7	16.6	+- .7	3.6
026	224	4.0	14.0	+- .4	2.1	21.7	+- .9	4.3
027	213	5.2	10.9	+- .3	1.6	16.2	+- .7	3.6
028	209	14.	10.7	+- .3	1.6	15.0	+- .7	3.5
029	215	13.	14.6	+- .4	2.2	22.9	+- .9	4.4
030	215	13.	15.0	+- .4	2.2	23.5	+- .9	4.5
031	204	4.6	10.9	+- .3	1.6	16.2	+- .7	3.6
032	178	4.4	12.6	+- .4	1.9	19.2	+- .8	3.9
033	155	3.9	13.6	+- .4	2.0	21.0	+- .8	4.2
034	138	4.6	14.3	+- .4	2.1	22.3	+- .9	4.3
035	118	4.4	14.7	+- .4	2.2	23.0	+- .9	4.4
036	81	3.8	13.8	+- .4	2.1	21.4	+- .8	4.3
037	70	5.5	11.7	+- .4	1.8	17.6	+- .7	3.7
038	45	4.0	12.5	+- .4	1.9	19.1	+- .8	3.9
039	40	6.8	14.3	+- .4	2.1	22.2	+- .9	4.3
040	45	15.	10.2	+- .3	1.5	14.0	+- .7	3.4
041	320	3.0	13.4	+- .4	2.0	20.6	+- .8	4.1

TRANSIT DOSE = 1.9 +- .3 ; 1.1

BYRON
FOR THE PERIOD 840730-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	21.4 \pm 1.0	2
11.25-33.75 (NNE)	18.8 \pm 3.4	3
33.75-56.25 (NE)	19.1 \pm 3.1	4
56.25-78.75 (ENE)	19.8 \pm 3.1	2
78.75-101.25 (E)	22.5 \pm 1.5	2
101.25-123.75 (ESE)	21.7 \pm 1.9	2
123.75-146.25 (SE)	22.0 \pm .4	2
146.25-168.75 (SSE)	20.7 \pm .4	2
168.75-191.25 (S)	20.8 \pm 2.0	3
191.25-213.75 (SSW)	17.5 \pm 2.3	3
213.75-236.25 (SW)	22.1 \pm .6	2
236.25-258.75 (WSW)	18.7 \pm 3.1	2
258.75-281.25 (W)	22.0 \pm .8	2
281.25-303.75 (WNW)	19.0 \pm 0.0	1
303.75-326.25 (NW)	19.8 \pm 1.0	4
326.25-348.75 (NNW)	19.8 \pm 2.7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	21.0 \pm 1.6	16
2-5	20.4 \pm 2.3	17
>5	17.8 \pm 2.8	5
UPWIND CONTROL DATA	20.7 \pm 4.2	3

CALLAWAY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841019 128 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Dtr. + Rdm; Tot.	
001	247	2.1	21.9 +- .7	3.3	17.2 +- .8	3.7
002	259	1.4	MISSING OR DAMAGED DOSIMETER			
003	282	1.3	21.2 +- .6	3.2	16.6 +- .8	3.6
004	304	1.3	21.5 +- .6	3.2	16.9 +- .8	3.6
005	330	1.7	21.3 +- .6	3.2	16.6 +- .8	3.6
006	1	1.7	20.5 +- .6	3.1	15.9 +- .7	3.5
007	23	2.2	20.3 +- .6	3.0	15.7 +- .7	3.5
008	77	1.7	20.7 +- .6	3.1	16.1 +- .7	3.5
009	85	1.4	21.9 +- .7	3.3	17.2 +- .8	3.7
010	98	1.4	21.1 +- .6	3.2	16.4 +- .7	3.6
011	121	2.2	19.6 +- .5	2.9	15.8 +- .6	3.4
012	140	2.2	19.9 +- .5	3.0	15.3 +- .6	3.4
013	158	2.2	21.2 +- .6	3.2	16.5 +- .7	3.6
014	183	2.2	23.0 +- .7	3.4	18.2 +- .8	3.8
015	188	1.7	21.9 +- .6	3.3	17.2 +- .8	3.7
016	202	1.7	20.8 +- .6	3.1	16.2 +- .7	3.5
017	237	1.7	21.1 +- .6	3.2	16.5 +- .7	3.6
018	312	1.1	20.2 +- .5	3.0	15.6 +- .6	3.5
019	292	1.6	20.8 +- .6	3.1	16.1 +- .7	3.5
020	268	1.9	21.5 +- .6	3.2	16.9 +- .8	3.6
021	247	2.0	21.8 +- .6	3.3	17.1 +- .8	3.7
022	225	2.0	20.8 +- .6	3.1	16.1 +- .7	3.5
023	220	2.0	22.7 +- .7	3.4	18.8 +- .9	3.9
024	205	2.0	18.5 +- .5	2.8	14.8 +- .6	3.3
025	157	4.4	22.0 +- .7	3.3	17.3 +- .8	3.7
026	134	4.4	18.7 +- .5	2.8	14.1 +- .5	3.2
027	115	4.4	21.6 +- .6	3.2	16.9 +- .8	3.6
028	95	4.4	23.0 +- .7	3.4	18.3 +- .9	3.9
029	67	4.4	22.0 +- .7	3.3	17.3 +- .8	3.7
030	48	4.4	19.5 +- .5	2.9	14.9 +- .6	3.4
031	14	4.4	22.2 +- .7	3.3	17.5 +- .8	3.7
032	2	4.4	MISSING OR DAMAGED DOSIMETER			
033	35	4.4	MISSING OR DAMAGED DOSIMETER			
034	88	4.4	22.2 +- .7	3.3	17.5 +- .8	3.7
035	110	4.4	21.4 +- .6	3.2	16.8 +- .8	3.6
036	164	4.4	18.1 +- .5	2.8	13.6 +- .5	3.2
037	237	4.4	21.8 +- .6	3.3	16.4 +- .7	3.6
038	270	1.5	18.1 +- .5	2.8	13.6 +- .5	3.2
039	270	1.5	17.7 +- .5	2.8	13.2 +- .5	3.2
040	203	2.0	MISSING OR DAMAGED DOSIMETER			
TRANSIT DOSE = 3.9 +- .5 ; 2.0						

CALLAWAY
FOR THE PERIOD 840614-841019

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.9 \pm 0.0	1
11.25-33.75 (NNE)	16.6 \pm 1.3	2
33.75-56.25 (NE)	14.9 \pm 0.0	1
56.25-78.75 (ENE)	16.8 \pm 1.0	2
78.75-101.25 (E)	17.3 \pm .9	3
101.25-123.75 (ESE)	15.9 \pm 1.4	2
123.75-146.25 (SE)	14.7 \pm .8	2
146.25-168.75 (SSE)	16.9 \pm .6	2
168.75-191.25 (S)	17.7 \pm .7	2
191.25-213.75 (SSW)	15.1 \pm 1.6	2
213.75-236.25 (SW)	17.1 \pm 1.3	2
236.25-258.75 (WSW)	16.8 \pm .4	4
258.75-281.25 (W)	15.2 \pm 2.3	2
281.25-303.75 (WNW)	16.7 \pm .7	3
303.75-326.25 (NW)	16.4 \pm .7	3
326.25-348.75 (NNW)	16.6 \pm 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.3 \pm .7	13
2-5	16.5 \pm 1.6	12
>5	16.5 \pm 1.2	9
UPWIND CONTROL DATA	13.4 \pm .3	2

CALVERT CLIFFS
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840709-841105 120 DAYS
 FIELD TIME 117 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.)	(mi.)	+ Rdm;	Tot.	:	mR/Std.Qtr. + Rdm;	Tot.	
001	275	1.5	12.8	+- .4	:	1.9	NO NET DATA	
003	284	1.7	12.4	+- .4	:	1.9	NO NET DATA	
004	323	2.4	MISSING OR DAMAGED DOSIMETER					
005	297	3.1	13.0	+- .4	:	1.9	NO NET DATA	
006	324	4.7	13.2	+- .4	:	2.0	NO NET DATA	
007	324	5.5	12.1	+- .4	:	1.8	NO NET DATA	
008	256	6.1	10.7	+- .3	:	1.6	NO NET DATA	
009	273	4.1	13.1	+- .4	:	2.0	NO NET DATA	
010	253	3.7	MISSING OR DAMAGED DOSIMETER					
011	230	4	14.8	+- .4	:	2.2	NO NET DATA	
012	243	1.3	14.7	+- .4	:	2.2	NO NET DATA	
013	222	1.5	15.1	+- .5	:	2.3	NO NET DATA	
014	208	1.8	11.2	+- .3	:	1.7	NO NET DATA	
015	176	2.4	14.0	+- .4	:	2.1	NO NET DATA	
016	160	1.5	15.7	+- .5	:	2.3	NO NET DATA	
019	159	3.8	14.4	+- .4	:	2.2	NO NET DATA	
020	139	4.7	11.1	+- .3	:	1.7	NO NET DATA	
021	201	4	12.5	+- .4	:	1.9	NO NET DATA	
022	187	4.7	13.3	+- .4	:	2.0	NO NET DATA	
023	201	8.7	13.9	+- .4	:	2.1	NO NET DATA	
024	190	7.8	11.9	+- .4	:	1.8	NO NET DATA	
025	325	6.7	13.1	+- .4	:	2.0	NO NET DATA	
026	314	10.	12.5	+- .4	:	1.9	NO NET DATA	
027	314	10.	12.9	+- .4	:	1.9	NO NET DATA	
028	315	10.	12.7	+- .4	:	1.9	NO NET DATA	
029	186	11.	14.3	+- .4	:	2.1	NO NET DATA	

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

CALVERT CLIFFS
FOR THE PERIOD 840709-841105

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	8.3 \pm 0.0	1
146.25-168.75 (SSE)	11.3 \pm .7	2
168.75-191.25 (S)	10.0 \pm .8	4
191.25-213.75 (SSW)	9.4 \pm 1.0	3
213.75-236.25 (SW)	11.2 \pm .2	2
236.25-258.75 (WSW)	9.5 \pm 2.1	2
258.75-281.25 (W)	9.7 \pm .2	2
281.25-303.75 (WNW)	9.5 \pm .9	2
303.75-326.25 (NW)	9.6 \pm .4	3
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	10.2 \pm 1.3	6
2-5	9.9 \pm .8	9
>5	9.5 \pm 1.0	6
UPWIND CONTROL DATA	9.5 \pm .2	3

CATAWBA
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841025 134 DAYS
 FIELD TIME 84 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	134	0.1	21.3 +- .6	0.2	14.9 +- .8	4.0
002	162	0.4	20.9 +- .6	0.1	14.5 +- .8	4.0
003	132	0.8	24.6 +- .7	0.7	18.4 +- .9	4.5
004	111	1.3	21.3 +- .6	0.2	14.9 +- .8	4.0
005	045	0.7	20.0 +- .6	0.0	13.5 +- .8	3.8
006	298	1.3	23.2 +- .7	0.5	17.0 +- .9	4.3
007	004	0.6	20.6 +- .6	0.1	14.1 +- .8	3.9
008	332	1.5	26.4 +- .8	4.0	20.3 +- .9	4.7
009	318	1.6	19.1 +- .6	0.9	12.6 +- .7	3.7
010	176	1.8	23.6 +- .7	0.5	17.4 +- .9	4.3
011	203	1.5	22.3 +- .7	0.3	16.0 +- .8	4.1
012	225	1.5	23.1 +- .7	0.8	16.0 +- .9	4.2
013	250	1.9	21.0 +- .6	0.2	14.6 +- .8	4.0
014	270	1.4	17.8 +- .5	0.7	11.1 +- .7	3.5
015	331	3.0	17.9 +- .5	0.7	11.2 +- .7	3.5
016	311	3.9	19.3 +- .6	0.9	12.7 +- .8	3.7
017	296	9.5	24.7 +- .7	3.7	18.6 +- .9	4.5
018	324	4.8	MISSING OR DAMAGED DOSIMETER			
019	352	4.8	17.9 +- .5	2.7	11.3 +- .7	3.6
020	022	4.0	21.7 +- .7	0.3	15.3 +- .8	4.1
021	290	3.9	20.2 +- .6	0.0	13.7 +- .8	3.9
022	266	4.0	19.8 +- .6	0.0	13.3 +- .8	3.8
023	251	4.0	16.6 +- .5	0.5	9.9 +- .7	3.4
024	229	3.9	16.7 +- .5	0.5	10.0 +- .7	3.4
025	202	4.4	22.6 +- .7	0.4	16.3 +- .8	4.2
026	051	4.3	23.5 +- .7	0.5	17.2 +- .9	4.3
027	064	7.9	17.8 +- .5	0.7	11.2 +- .7	3.5
028	061	4.9	20.9 +- .6	0.1	14.4 +- .8	3.9
029	049	1.9	MISSING OR DAMAGED DOSIMETER			
030	064	1.8	19.6 +- .6	0.9	13.0 +- .8	3.8
031	087	1.6	19.8 +- .6	0.0	13.0 +- .8	3.8
032	121	2.6	21.6 +- .6	0.2	15.2 +- .8	4.0
033	114	7.6	19.9 +- .6	0.0	13.4 +- .8	3.8
034	093	4.5	22.5 +- .7	0.4	16.2 +- .8	4.2
035	132	4.3	25.1 +- .8	0.0	18.9 +- .9	4.5
036	163	0.9	17.8 +- .5	0.7	11.1 +- .7	3.5
037	173	4.9	17.7 +- .5	0.0	11.0 +- .7	3.5
038	157	4.6	21.6 +- .6	0.2	15.2 +- .8	4.0
039	248	10.	20.3 +- .6	0.0	13.0 +- .8	3.8
040	229	12.	17.4 +- .5	0.0	10.7 +- .7	3.5
041	218	13.	17.2 +- .5	0.0	10.5 +- .7	3.5
042	213	16.	19.5 +- .6	0.9	12.9 +- .8	3.8
TRANSIT DOSE = 7.4 +- .4 ; 1.9						

CATAWBA
FOR THE PERIOD 840614-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.7 \pm 2.0	2
11.25-33.75 (NNE)	15.3 \pm 0.0	1
33.75-56.25 (NE)	15.4 \pm 2.6	2
56.25-78.75 (ENE)	12.9 \pm 1.6	3
78.75-101.25 (E)	14.7 \pm 2.1	2
101.25-123.75 (ESE)	14.5 \pm 1.0	3
123.75-146.25 (SE)	17.4 \pm 2.2	3
146.25-168.75 (SSE)	13.6 \pm 2.2	3
168.75-191.25 (S)	14.2 \pm 4.5	2
191.25-213.75 (SSW)	16.1 \pm .2	2
213.75-236.25 (SW)	13.4 \pm 4.0	2
236.25-258.75 (WSW)	12.8 \pm 2.5	3
258.75-281.25 (W)	12.2 \pm 1.6	2
281.25-303.75 (WNW)	16.4 \pm 2.5	3
303.75-326.25 (NW)	12.8 \pm .1	2
326.25-348.75 (NNW)	15.8 \pm 6.4	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.1 \pm 2.4	16
2-5	13.9 \pm 2.7	16
>5	13.6 \pm 3.0	5
UPWIND CONTROL DATA	11.4 \pm 1.3	3

CLINTON
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840730-841004 67 DAYS
 FIELD TIME 50 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	352	0.6	13.3 +- .4	2.0	21.8 +- .8	4.1
002	7	0.7	14.1 +- .4	2.1	23.3 +- .9	4.3
003	26	0.8	14.8 +- .4	2.2	24.5 +- .9	4.5
004	165	0.5	15.0 +- .4	2.2	24.9 +- .9	4.5
005	187	0.5	13.5 +- .4	2.0	22.3 +- .8	4.5
006	223	0.6	14.8 +- .4	2.2	24.5 +- .9	4.5
007	238	0.8	14.5 +- .4	2.2	24.1 +- .9	4.4
008	62	1.9	13.4 +- .4	2.0	22.0 +- .8	4.2
009	78	1.8	14.0 +- .4	2.1	23.1 +- .9	4.3
010	79	2.6	13.5 +- .4	2.0	22.3 +- .8	4.2
011	104	2.3	13.4 +- .4	2.0	22.0 +- .8	4.2
012	115	3.0	12.6 +- .4	1.9	20.7 +- .7	4.0
013	127	3.2	13.7 +- .4	2.1	22.6 +- .8	4.3
014	160	2.1	14.2 +- .4	2.1	23.5 +- .9	4.4
015	180	3.0	15.5 +- .5	2.3	25.9 +- .9	4.7
016	203	3.2	13.9 +- .4	2.1	23.0 +- .8	4.3
017	235	3.7	12.3 +- .4	1.8	19.6 +- .6	3.8
018	255	2.0	13.9 +- .4	2.1	23.0 +- .8	4.3
019	275	2.3	14.2 +- .4	2.1	23.5 +- .9	4.3
020	302	0.9	13.1 +- .4	2.0	21.6 +- .8	4.1
021	305	0.8	14.5 +- .4	2.2	24.0 +- .8	4.4
022	332	0.6	14.1 +- .4	2.1	23.3 +- .8	4.3
023	358	4.6	14.3 +- .4	2.1	23.7 +- .8	4.4
024	20	0.9	14.6 +- .4	2.2	24.2 +- .9	4.4
025	46	0.8	14.0 +- .4	2.1	23.2 +- .8	4.3
026	62	1.8	13.6 +- .4	2.0	22.5 +- .8	4.2
027	90	4.0	13.6 +- .4	2.0	22.5 +- .8	4.2
028	115	5.2	13.1 +- .4	2.0	21.6 +- .8	4.1
029	128	5.1	14.5 +- .4	2.2	24.1 +- .9	4.4
030	153	5.0	13.8 +- .4	2.1	22.7 +- .8	4.2
031	173	5.2	13.7 +- .4	2.0	22.6 +- .8	4.2
032	205	4.7	14.1 +- .4	2.1	23.4 +- .9	4.3
033	236	5.4	14.0 +- .4	2.1	23.1 +- .8	4.3
034	252	5.8	14.0 +- .4	2.1	23.2 +- .8	4.3
035	263	6.6	12.3 +- .4	1.8	20.1 +- .7	3.9
036	272	4.8	14.5 +- .4	2.2	24.0 +- .9	4.4
037	288	4.8	13.8 +- .4	2.1	22.0 +- .8	4.3
038	297	7.6	12.9 +- .4	1.9	21.2 +- .8	4.0
039	315	5.1	14.2 +- .4	2.1	23.5 +- .9	4.4
040	342	4.8	13.8 +- .4	2.1	22.0 +- .8	4.3
041	65/	10.	13.7 +- .4	2.1	22.6 +- .8	4.2
042	148	13.	15.9 +- .5	2.4	26.5 +- 1.0	4.7
043	148	13.	14.8 +- .4	2.2	24.5 +- .9	4.5
044	206	15.	12.4 +- .4	1.9	20.2 +- .8	3.9

TRANSIT DOSE = 1.1 +- .2 ; 1.1

CLINTON
FOR THE PERIOD 840730-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	22.9 \pm 1.0	3
11.25-33.75 (NNE)	24.4 \pm .3	2
33.75-56.25 (NE)	23.2 \pm 0.0	1
56.25-78.75 (ENE)	22.6 \pm .4	4
78.75-101.25 (E)	22.4 \pm .1	2
101.25-123.75 (ESE)	21.4 \pm .7	3
123.75-146.25 (SE)	23.4 \pm 1.0	2
146.25-168.75 (SSE)	23.7 \pm 1.1	3
168.75-191.25 (S)	23.6 \pm 2.0	3
191.25-213.75 (SSW)	23.2 \pm .3	2
213.75-236.25 (SW)	22.4 \pm 2.5	3
236.25-258.75 (WSW)	23.4 \pm .6	3
258.75-281.25 (W)	22.5 \pm 2.1	3
281.25-303.75 (WNW)	21.9 \pm .9	3
303.75-326.25 (NW)	23.8 \pm .3	2
326.25-348.75 (NNW)	23.0 \pm .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	23.3 \pm 1.2	12
2-5	22.9 \pm 1.3	18
>5	22.5 \pm 1.1	11
UPWIND CONTROL DATA	23.8 \pm 3.2	3

COMANCHE PK.
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841010 120 DAYS
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.		
001	306	1.4	20.1 +- .6	3.3	16.3 +- .00	3.9	
002	285	1.5	18.6 +- .6	2.2	14.7 +- .00	3.7	
003	268	1.1	18.7 +- .6	2.8	14.8 +- .00	3.7	
004	253	.9	MISSING OR DAMAGED DOSIMETER				
006	200	1	18.3 +- .5	2.7	14.4 +- .00	3.7	
007	180	1.4	20.0 +- .6	3.0	16.3 +- .00	3.9	
008	163	1.6	20.3 +- .6	3.9	16.6 +- .00	4.0	
009	140	1.3	21.1 +- .6	2.2	17.4 +- .00	4.1	
010	118	1.5	17.0 +- .5	3.6	13.1 +- .00	3.5	
011	93	1.9	18.1 +- .5	2.7	14.2 +- .00	3.7	
012	73	2.4	23.9 +- .7	3.6	20.4 +- .00	4.4	
013	245	1.7	20.2 +- .6	3.0	16.5 +- .00	3.9	
014	156	4.3	20.6 +- .6	3.1	16.8 +- .00	4.0	
015	186	7	17.5 +- .5	3.6	13.6 +- .00	3.6	
016	183	4.1	20.5 +- .6	3.1	16.0 +- .00	4.0	
017	205	4.3	20.7 +- .6	3.1	17.0 +- .00	4.0	
018	225	3.4	18.5 +- .6	3.0	14.7 +- .00	3.7	
019	245	5.2	20.0 +- .6	3.1	17.0 +- .00	4.0	
020	264	5.0	19.7 +- .6	3.9	15.9 +- .00	3.9	
021	258	3.2	18.9 +- .6	3.0	15.9 +- .00	3.9	
022	284	5.1	17.6 +- .5	3.0	13.7 +- .00	3.6	
023	313	5.0	19.6 +- .6	3.9	15.0 +- .00	3.9	
024	332	4.9	19.6 +- .6	3.9	15.0 +- .00	3.9	
025	9	4.6	20.2 +- .6	3.9	16.5 +- .00	3.9	
026	26	4.5	18.9 +- .6	3.0	15.0 +- .00	3.9	
027	47	4.1	17.5 +- .5	3.0	13.6 +- .00	3.6	
028	6	1.0	20.0 +- .6	3.1	17.0 +- .00	4.0	
029	16	1.0	20.5 +- .6	3.1	16.7 +- .00	4.0	
030	102	3	19.9 +- .6	3.0	16.1 +- .00	3.9	
031	108	3.0	18.6 +- .6	3.0	14.0 +- .00	3.7	
032	135	4.6	22.2 +- .7	3.9	18.6 +- .00	4.4	
033	152	6.3	18.3 +- .6	2.7	14.4 +- .00	3.7	
034	47	2.9	18.3 +- .6	2.7	14.5 +- .00	3.7	
035	85	4.0	20.3 +- .6	3.0	16.5 +- .00	3.9	
036	115	7.5	19.9 +- .6	3.0	16.1 +- .00	3.9	
037	355	9.4	20.2 +- .6	3.0	16.4 +- .00	3.9	
038	337	9.2	19.2 +- .6	3.0	15.4 +- .00	3.9	
039	310	9.9	18.3 +- .6	2.7	14.5 +- .00	3.7	
040	302	8.1	19.0 +- .6	3.9	15.2 +- .00	3.9	
041	248	7.9	20.7 +- .6	3.1	16.9 +- .00	4.0	
042	90	.5	17.4 +- .5	3.0	13.5 +- .00	3.6	
043	18	5.8	MISSING OR DAMAGED DOSIMETER				
044	263	1.7	16.1 +- .5	2.4	12.1 +- .7	3.4	
045	218	12.	19.0 +- .6	2.9	15.2 +- .00	3.6	
046	140	12.	20.5 +- .6	3.1	16.7 +- .00	4.0	
047	301	21.	19.8 +- .6	3.0	16.0 +- .00	3.9	
TRANSIT DOSE = 4.7 +- .5 ; 2.2							

COMANCHE PK.
FOR THE PERIOD 840613-841010

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.7 \pm .4	3
11.25-33.75 (NNE)	15.9 \pm 1.2	2
33.75-56.25 (NE)	14.0 \pm .6	2
56.25-78.75 (ENE)	20.4 \pm 0.0	1
78.75-101.25 (E)	14.7 \pm 1.6	3
101.25-123.75 (ESE)	15.0 \pm 1.4	4
123.75-146.25 (SE)	17.6 \pm .9	3
146.25-168.75 (SSE)	15.9 \pm 1.3	3
168.75-191.25 (S)	15.5 \pm 1.7	3
191.25-213.75 (SSW)	15.7 \pm 1.0	2
213.75-236.25 (SW)	14.9 \pm .4	2
236.25-258.75 (WSW)	16.4 \pm .9	4
258.75-281.25 (W)	14.3 \pm 2.0	3
281.25-303.75 (WNW)	14.9 \pm 1.0	4
303.75-326.25 (NW)	15.5 \pm 1.0	3
326.25-348.75 (NNW)	15.6 \pm .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.3 \pm 1.7	14
2-5	16.1 \pm 1.7	15
>5	15.5 \pm 1.1	15
UPWIND CONTROL DATA	NO DATA	NO DATA

D.C. COOK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841012 122 DAYS
 FIELD TIME 89 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)				NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+/-	Rdm; Tot.			mR/Std. Qtr.	+/-
001	54	1.7	17.2	+- .5	2.6		NO NET DATA	
002	67	1.3	18.4	+- .6	2.8		NO NET DATA	
003	89	1.1	17.3	+- .5	2.6		NO NET DATA	
004	58	0.7	18.2	+- .5	2.7		NO NET DATA	
005	19	2.3	18.2	+- .5	2.7		NO NET DATA	
006	111	1.6	18.6	+- .6	2.8		NO NET DATA	
007	135	1.5	18.4	+- .6	2.8		NO NET DATA	
008	158	1.4	18.2	+- .5	2.7		NO NET DATA	
009	171	1.9	17.9	+- .5	2.5		NO NET DATA	
010	199	1.5	17.2	+- .5	2.6		NO NET DATA	
011	195	3.9	19.8	+- .6	2.9		NO NET DATA	
012	200	6.6	18.3	+- .5	2.7		NO NET DATA	
013	179	3.9	21.2	+- .6	3.2		NO NET DATA	
014	151	4.4	MISSING OR DAMAGED DOSIMETER					
015	130	4.6	22.4	+- .7	3.4		NO NET DATA	
016	110	3.7	19.3	+- .6	2.9		NO NET DATA	
017	88	3.6	19.3	+- .6	2.9		NO NET DATA	
018	67	3.8	19.0	+- .6	2.9		NO NET DATA	
019	24	3.8	17.4	+- .5	2.6		NO NET DATA	
020	43	3.3	19.1	+- .6	2.9		NO NET DATA	
021	26	9.9	21.0	+- .6	3.1		NO NET DATA	
022	121	18.	18.6	+- .6	2.8		NO NET DATA	
023	121	18.	18.5	+- .6	2.8		NO NET DATA	
024	121	18.	21.0	+- .6	3.2		NO NET DATA	

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

D.C. COOK
FOR THE PERIOD 840613-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	13.9 \pm 1.4	3
33.75-56.25 (NE)	13.4 \pm 1.0	2
56.25-78.75 (ENE)	13.7 \pm .3	3
78.75-101.25 (E)	13.5 \pm 1.0	2
101.25-123.75 (ESE)	13.9 \pm .4	2
123.75-146.25 (SE)	15.0 \pm 2.1	2
146.25-168.75 (SSE)	13.4 \pm 0.0	1
168.75-191.25 (S)	14.1 \pm 2.2	2
191.25-213.75 (SSW)	13.4 \pm .7	3
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	13.1 \pm .5	9
2-5	14.3 \pm 1.1	9
>5	14.5 \pm 1.4	2
UPWIND CONTROL DATA	14.3 \pm 1.1	3

COOPER
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840612-841019 130 DAYS
 FIELD TIME 86 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm;	Tot.	mR/Std. Qtr. + Rdm;	Tot.
001	363	2.4	10.8	+- .3	6.1	+- 1.0
002	6	3.5	29.8	+- .9	25.9	+- 1.0
003	18	2.7	23.1	+- .7	19.9	+- .9
004	16	3.2	23.6	+- .7	19.5	+- .9
005	47	1.9	23.0	+- .7	19.0	+- .9
006	40	3.6	22.2	+- .7	18.0	+- .9
007	75	2.7	22.9	+- .7	18.0	+- .9
008	55	2.0	22.0	+- .7	18.0	+- .9
009	80	2.1	23.3	+- .7	19.1	+- .9
010	98	2.7	22.4	+- .7	18.0	+- .9
011	118	2.3	24.0	+- .7	19.0	+- .9
012	109	4.6	23.5	+- .7	19.3	+- .9
013	141	3.2	23.6	+- .7	19.4	+- .9
014	126	5.6	21.0	+- .6	16.7	+- .9
015	159	2.7	22.7	+- .7	18.5	+- .9
016	167	4.9	24.1	+- .7	19.0	+- .9
017	205	0.3	22.6	+- .7	18.4	+- .9
018	186	4.7	24.0	+- .7	19.0	+- .9
019	213	3.0	22.6	+- .7	18.4	+- .9
020	195	4.9	24.7	+- .7	19.6	+- .9
021	222	2.0	22.4	+- .7	18.3	+- .9
022	215	5.7	24.0	+- .7	19.0	+- .9
023	256	1.5	24.4	+- .7	19.3	+- .9
024	238	5.2	24.4	+- .7	19.3	+- .9
025	276	2.2	23.0	+- .7	19.7	+- .9
026	260	3.0	24.4	+- .7	19.0	+- .9
027	301	1.0	24.3	+- .7	19.2	+- .9
028	286	4.3	23.3	+- .7	19.1	+- .9
029	324	2.0	22.0	+- .7	18.7	+- .9
030	333	3.7	22.4	+- .7	18.0	+- .9
031	343	2.6	22.7	+- .7	18.0	+- .9
032	333	3.7	22.7	+- .7	18.0	+- .9
033	215	1.0	23.7	+- .7	19.0	+- .9
034	173	1.0	23.6	+- .7	19.4	+- .9
035	333	2.3	21.6	+- .6	17.4	+- .9
036	210	1.9	22.5	+- .7	18.3	+- .9
037	64	7.0	25.7	+- .8	21.7	+- .9
038	329	9.0	22.0	+- .7	18.0	+- .9
039	276	1.0	22.7	+- .7	18.0	+- .9
040	300	2.5	24.3	+- .7	19.0	+- .9
042	93	3.5	22.2	+- .7	18.0	+- .9
043	270	2.2	23.3	+- .7	19.1	+- .9

TRANSIT DOSE = 5.0 +- .4 ; 1.0

COOPER
FOR THE PERIOD 840612-841019

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.0 \pm 14.0	2
11.25-33.75 (NNE)	19.2 \pm .4	2
33.75-56.25 (NE)	18.5 \pm .4	3
56.25-78.75 (ENE)	20.2 \pm 2.1	2
78.75-101.25 (E)	18.5 \pm .6	3
101.25-123.75 (ESE)	19.6 \pm .4	2
123.75-146.25 (SE)	18.1 \pm 1.9	2
146.25-168.75 (SSE)	19.3 \pm 1.1	2
168.75-191.25 (S)	19.9 \pm 0.0	1
191.25-213.75 (SSW)	19.1 \pm 1.3	3
213.75-236.25 (SW)	19.3 \pm .9	3
236.25-258.75 (WSW)	20.3 \pm .0	2
258.75-281.25 (W)	19.4 \pm .7	4
281.25-303.75 (WNN)	19.8 \pm .6	3
303.75-326.25 (NW)	18.7 \pm 0.0	1
326.25-348.75 (NNW)	18.5 \pm .2	4

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	19.3 \pm .9	6
2-5	18.9 \pm 3.0	27
>5	19.3 \pm 1.7	6
UPWIND CONTROL DATA	18.4 \pm 1.0	3

CRYSTAL RIVER
FOR THE PERIOD 840614-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.9 +- .2	2
11.25-33.75 (NNE)	11.8 +- 0.0	1
33.75-56.25 (NE)	10.9 +- 1.0	2
56.25-78.75 (ENE)	10.9 +- .3	2
78.75-101.25 (E)	12.1 +- 1.0	4
101.25-123.75 (ESE)	10.8 +- 0.0	1
123.75-146.25 (SE)	11.3 +- .5	3
146.25-168.75 (SSE)	11.3 +- .3	2
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	12.1 +- 0.0	1
326.25-348.75 (NNW)	12.7 +- .4	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.1 +- 0.0	1
2-5	11.8 +- .9	9
>5	11.6 +- .8	10
UPWIND CONTROL DATA	10.2 +- .4	3

DAVIS BESSE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841101 141 DAYS
 FIELD TIME 84 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std. Qtr. +/- Rdm; Tot.		
001	50	0.6	16.7 +- .5	2.5	10.0 +- .7	3.5	
002	86	0.9	17.8 +- .5	2.7	11.2 +- .8	3.7	
003	116	1.4	16.6 +- .5	2.5	9.8 +- .7	3.5	
004	172	0.8	20.8 +- .6	3.1	14.3 +- .8	4.0	
005	200	1.5	22.8 +- .7	3.4	16.5 +- .9	4.3	
006	226	1.0	20.4 +- .6	3.1	14.0 +- .8	4.0	
007	249	1.5	20.6 +- .6	3.1	14.2 +- .8	4.0	
008	267	1.8	22.6 +- .7	3.4	16.3 +- .9	4.3	
009	285	1.8	22.0 +- .7	3.3	15.7 +- .9	4.2	
010	306	1.5	19.2 +- .6	2.9	12.6 +- .8	3.8	
011	344	0.9	MISSING OR DAMAGED DOSIMETER				
012	142	4.5	21.3 +- .6	3.2	14.9 +- .8	4.1	
013	158	4.0	20.4 +- .6	3.1	13.9 +- .8	4.0	
014	180	3.8	20.3 +- .6	3.0	13.9 +- .8	4.0	
015	207	4.8	20.2 +- .6	3.0	13.8 +- .8	4.0	
016	225	4.5	21.6 +- .6	3.2	15.2 +- .9	4.1	
017	254	2.7	23.4 +- .7	3.5	17.2 +- .9	4.4	
018	269	3.0	22.1 +- .7	3.3	15.8 +- .9	4.2	
019	295	3.3	22.2 +- .7	3.3	15.9 +- .9	4.2	
020	25	0.5	16.4 +- .5	2.5	9.6 +- .7	3.5	
021	132	9.7	20.3 +- .6	3.0	13.8 +- .8	4.0	
022	210	6.5	MISSING OR DAMAGED DOSIMETER				
TRANSIT DOSE = 7.4 +- .5 ; 2.1							

DAVIS BESSE
FOR THE PERIOD 840614-841101

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	9.6 \pm 0.0	1
33.75-56.25 (NE)	10.0 \pm 0.0	1
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	11.2 \pm 0.0	1
101.25-123.75 (ESE)	9.8 \pm 0.0	1
123.75-146.25 (SE)	14.9 \pm 0.0	1
146.25-168.75 (SSE)	13.9 \pm 0.0	1
168.75-191.25 (S)	14.1 \pm .3	2
191.25-213.75 (SSW)	15.1 \pm 1.9	2
213.75-236.25 (SW)	14.6 \pm .9	2
236.25-258.75 (WSW)	15.7 \pm 2.1	2
258.75-281.25 (W)	16.1 \pm .4	2
281.25-303.75 (WNW)	15.8 \pm .2	2
303.75-326.25 (NW)	12.6 \pm 0.0	1
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	13.1 \pm 2.6	11
2-5	15.0 \pm 1.3	7
>5	15.9 \pm 0.0	1
UPWIND CONTROL DATA	13.8 \pm 0.0	1

DIABLO CANYON
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840612-841012 123 DAYS
 FIELD TIME 73 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.			mR/Std. Qtr. + - Rdm; Tot.		
001	125	1.0	29.8 +- .9	4.5	26.3 +- 1.4	6.8		
002	119	4.2	27.9 +- .8	4.2	23.9 +- 1.4	6.5		
003	107	6.9	26.4 +- .8	4.0	22.0 +- 1.3	6.3		
004	109	11.	26.1 +- .8	3.9	21.7 +- 1.3	6.2		
005	113	14.	26.4 +- .8	4.0	22.0 +- 1.3	6.3		
006	68	9.6	26.3 +- .8	3.9	21.9 +- 1.3	6.3		
007	359	11.	23.2 +- .7	3.5	18.2 +- 1.2	5.8		
008	359	6.6	22.4 +- .7	3.4	17.1 +- 1.2	5.7		
009	339	4.7	20.8 +- .6	3.1	15.1 +- 1.2	5.5		
011	332	1.3	22.9 +- .7	3.4	17.8 +- 1.2	5.8		
012	37	21.	26.0 +- .8	3.9	21.5 +- 1.3	6.2		
013	37	21.	28.2 +- .8	4.2	24.3 +- 1.4	6.5		
014	37	21.	27.4 +- .8	4.1	23.3 +- 1.3	6.4		
018	162	9.3	MISSING OR DAMAGED DOSIMETER					
TRANSIT DOSE =			8.5 +- .7	3.2				

DIABLO CANYON
 FOR THE PERIOD 840612-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.6 \pm .7	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	21.9 \pm 0.0	1
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	22.4 \pm 1.0	4
123.75-146.25 (SE)	26.3 \pm 0.0	1
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	16.5 \pm 1.9	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	22.0 \pm 6.0	2
2-5	19.5 \pm 6.2	2
>5	20.5 \pm 2.2	6
UPWIND CONTROL DATA	23.0 \pm 1.4	3

DRESDEN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841004 113 DAYS
 FIELD TIME 79 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm;	Tot.	mR/Std.Qtr.	+ - Rdm;	Tot.	
001	70	4.2	MISSING OR DAMAGED DOSIMETER					
002	92	3.9	20.9	+- .6	3.1	18.1	+- .9	4.2
003	119	3.2	22.6	+- .7	3.4	20.0	+- .9	4.5
004	134	1.3	18.7	+- .6	2.8	15.5	+- .8	3.9
005	115	1.5	19.7	+- .6	2.9	16.7	+- .9	4.1
006	180	1.9	22.1	+- .7	3.3	19.4	+- .9	4.4
007	179	0.5	21.3	+- .6	3.2	18.6	+- .9	4.3
008	166	0.7	18.6	+- .6	2.8	15.5	+- .8	3.9
009	205	0.5	21.9	+- .7	3.3	19.3	+- .9	4.4
010	224	0.7	24.6	+- .7	3.7	22.3	+- 1.0	4.8
011	250	0.9	18.5	+- .6	2.8	15.4	+- .8	3.9
012	263	1.6	22.9	+- .7	3.4	20.3	+- .9	4.5
013	180	4.0	17.7	+- .5	2.7	14.5	+- .8	3.8
014	158	4.0	17.6	+- .5	2.6	14.4	+- .8	3.8
015	137	4.2	20.3	+- .6	3.0	17.4	+- .9	4.1
016	134	0.4	18.5	+- .6	2.8	15.3	+- .8	3.9
017	189	7.4	18.7	+- .6	2.8	15.5	+- .8	3.9
018	203	4.1	18.4	+- .6	2.8	15.2	+- .8	3.9
019	231	3.9	22.6	+- .7	3.4	20.0	+- .9	4.5
020	244	6.4	MISSING OR DAMAGED DOSIMETER					
021	258	0.6	22.9	+- .7	3.4	20.4	+- .9	4.5
022	269	4.4	18.9	+- .6	2.8	15.8	+- .8	4.0
023	295	0.3	22.4	+- .7	3.4	19.8	+- .9	4.4
024	311	3.9	MISSING OR DAMAGED DOSIMETER					
025	340	4.7	25.0	+- .8	3.8	22.8	+- 1.0	4.8
026	7	4.4	19.0	+- .6	2.8	15.9	+- .8	4.0
027	1	2.0	24.8	+- .7	3.7	22.6	+- 1.0	4.8
028	327	1.7	24.6	+- .7	3.7	22.3	+- 1.0	4.8
029	318	1.4	MISSING OR DAMAGED DOSIMETER					
030	301	1.9	19.9	+- .6	3.0	16.9	+- .9	4.1
031	30	1.5	22.7	+- .7	3.4	20.2	+- .9	4.5
032	48	1.9	24.5	+- .7	3.7	22.2	+- 1.0	4.8
033	76	1.4	23.4	+- .7	3.5	21.0	+- 1.0	4.6
034	90	1.4	23.1	+- .7	3.5	20.6	+- .9	4.6
035	26	4.5	22.0	+- .7	3.4	20.2	+- .9	4.5
036	42	3.6	20.6	+- .6	3.1	17.8	+- .9	4.2
037	52/	11.	21.5	+- .6	3.2	18.7	+- .9	4.3
038	274	23.	20.8	+- .6	3.1	17.9	+- .9	4.2
039	274	23.	21.0	+- .7	3.3	19.1	+- .9	4.4
040	275	24.	23.3	+- .7	3.5	20.8	+- 1.0	4.6

TRANSIT DOSE = 5.0 +- .5 ; 2.0

DRESDEN
FOR THE PERIOD 840614-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	19.2 \pm 4.7	2
11.25-33.75 (NNE)	20.2 \pm .0	2
33.75-56.25 (NE)	19.6 \pm 2.3	3
56.25-78.75 (ENE)	21.0 \pm 0.0	1
78.75-101.25 (E)	19.3 \pm 1.7	2
101.25-123.75 (ESE)	18.3 \pm 2.3	2
123.75-146.25 (SE)	16.1 \pm 1.2	3
146.25-168.75 (SSE)	14.9 \pm .8	2
168.75-191.25 (S)	17.0 \pm 2.4	4
191.25-213.75 (SSW)	17.2 \pm 2.9	2
213.75-236.25 (SW)	21.2 \pm 1.6	2
236.25-258.75 (WSW)	17.9 \pm 3.5	2
258.75-281.25 (W)	18.1 \pm 3.2	2
281.25-303.75 (WNW)	18.3 \pm 2.0	2
303.75-326.25 (NW)	NO DATA \pm NO DATA	0
326.25-348.75 (NNW)	22.6 \pm .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	19.3 \pm 2.6	16
2-5	17.8 \pm 2.6	13
>5	17.5 \pm 2.5	4
UPWIND CONTROL DATA	19.3 \pm 1.4	3

DUANE ARNOLD
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841017 126 DAYS
 FIELD TIME 96 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	163	9.7	27.3 +- .8	4.1	21.7 +- .9	4.3
002	170	6.2	27.7 +- .8	4.1	22.1 +- .9	4.3
003	180	3.5	MISSING OR DAMAGED DOSIMETER			
004	216	2.9	31.2 +- .9	4.7	25.3 +- 1.0	4.8
005	201	2.5	MISSING OR DAMAGED DOSIMETER			
006	213	1.0	MISSING OR DAMAGED DOSIMETER			
007	248	1.0	28.1 +- .8	4.2	22.4 +- .9	4.4
008	279	1.0	28.3 +- .8	4.2	22.6 +- .9	4.4
009	298	1.0	29.5 +- .9	4.4	23.7 +- .9	4.5
010	320	1.5	28.1 +- .8	4.2	22.5 +- .9	4.4
011	343	1.0	28.8 +- .9	4.3	23.1 +- .9	4.5
012	359	1.2	27.1 +- .8	4.1	21.5 +- .9	4.2
013	237	0.5	25.7 +- .8	3.8	20.2 +- .8	4.1
014	259	0.9	28.2 +- .8	4.2	22.6 +- .9	4.4
015	272	5.0	24.9 +- .7	3.7	19.4 +- .8	4.0
016	285	5.0	26.4 +- .8	4.0	20.8 +- .9	4.2
017	308	4.5	29.1 +- .9	4.4	23.4 +- .9	4.5
018	340	4.5	20.4 +- .6	3.1	15.3 +- .7	3.4
019	291	15.	21.8 +- .7	3.3	16.5 +- .8	3.6
020	291	15.	21.5 +- .6	3.2	16.2 +- .7	3.6
021	291	15.	20.7 +- .6	3.1	15.5 +- .7	3.5
022	358	6.1	20.3 +- .6	3.0	15.2 +- .7	3.4
023	7	2.9	19.1 +- .6	2.9	14.0 +- .7	3.3
024	28	3.0	23.3 +- .7	3.5	17.9 +- .8	3.8
025	39	3.5	22.1 +- .7	3.3	16.8 +- .8	3.6
026	64	3.0	21.6 +- .6	3.2	16.4 +- .7	3.6
027	50	1.9	20.2 +- .6	3.0	15.1 +- .7	3.4
028	72	2.3	26.5 +- .8	4.0	21.0 +- .9	4.2
029	91	3.0	19.5 +- .6	2.9	14.4 +- .7	3.3
030	93	1.8	MISSING OR DAMAGED DOSIMETER			
031	113	2.0	MISSING OR DAMAGED DOSIMETER			
032	141	1.6	20.1 +- .6	3.0	15.0 +- .7	3.4
033	153	1.5	21.9 +- .7	3.3	16.7 +- .8	3.6
034	177	1.2	30.9 +- .9	4.6	25.1 +- 1.0	4.7
035	153	4.2	18.4 +- .6	2.8	13.4 +- .7	3.2
036	135	4.1	21.1 +- .6	3.2	15.9 +- .7	3.5
037	111	4.6	25.8 +- .8	3.9	20.3 +- .8	4.1
038	123	5.1	22.5 +- .7	3.4	17.2 +- .8	3.7
039	132	7.0	19.5 +- .6	2.9	14.4 +- .7	3.3
040	133	7.6	21.6 +- .6	3.2	16.4 +- .7	3.6
TRANSIT DOSE =			4.1 +- .5	;	2.0	

DUANE ARNOLD
FOR THE PERIOD 840614-841017

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.9 +- 4.0	3
11.25-33.75 (NNE)	17.9 +- 0.0	1
33.75-56.25 (NE)	15.9 +- 1.2	2
56.25-78.75 (ENE)	18.7 +- 3.2	2
78.75-101.25 (E)	14.4 +- 0.0	1
101.25-123.75 (ESE)	18.8 +- 2.2	2
123.75-146.25 (SE)	15.4 +- .9	4
146.25-168.75 (SSE)	17.3 +- 4.2	3
168.75-191.25 (S)	23.6 +- 2.7	2
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	25.3 +- 0.0	1
236.25-258.75 (WSW)	21.3 +- 1.6	2
258.75-281.25 (W)	21.5 +- 1.8	3
281.25-303.75 (WNW)	22.3 +- 2.1	2
303.75-326.25 (NW)	23.0 +- .7	2
326.25-348.75 (NNW)	19.2 +- 5.5	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	20.7 +- 3.5	11
2-5	18.5 +- 3.7	15
>5	17.8 +- 3.3	6
UPWIND CONTROL DATA	16.1 +- .5	3

FARLEY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841025 134 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE					
	AZIMUTH/ (deg.)	DIST (mi.)	+ -	Rdm;	Tot.	mR/Std. Qtr.	+ -	Rdm;	Tot.		
001	268	14.	20.4	+-	.6	3.1	12.8	+-	.8	3.7	
002	252	7.8	20.5	+-	.6	3.1	12.9	+-	.8	3.7	
003	217	6.1	20.5	+-	.6	3.1	12.9	+-	.8	3.7	
004	155	5.7	23.3	+-	.7	3.5	15.7	+-	.8	4.1	
005	170	5.1	22.1	+-	.7	3.3	14.6	+-	.8	3.9	
006	197	4.5	20.3	+-	.6	3.0	12.8	+-	.8	3.7	
007	191	2.4	22.4	+-	.7	3.4	14.8	+-	.8	4.0	
008	200	1.8	21.2	+-	.6	3.2	13.7	+-	.8	3.8	
009	220	1.2	19.2	+-	.6	2.9	11.7	+-	.7	3.6	
010	254	.9	21.4	+-	.6	3.2	13.9	+-	.8	3.8	
011	300	.9	20.3	+-	.6	3.0	12.8	+-	.8	3.7	
012	319	1.1	21.2	+-	.6	3.2	13.6	+-	.8	3.8	
013	338	1.3	19.7	+-	.6	3.0	12.2	+-	.8	3.6	
014	256	1.2	20.2	+-	.6	3.0	12.6	+-	.8	3.7	
015	16	1.3	MISSING OR DAMAGED DOSIMETER								
016	264	1.6	19.5	+-	.6	2.9	12.0	+-	.8	3.6	
017	253	3.5	21.3	+-	.6	3.2	13.7	+-	.8	3.8	
018	233	3.2	19.9	+-	.6	3.0	12.4	+-	.8	3.7	
019	267	4.5	21.3	+-	.6	3.2	13.7	+-	.8	3.8	
020	295	3.8	23.7	+-	.7	3.5	16.1	+-	.9	4.1	
021	315	4.6	19.6	+-	.6	2.9	12.1	+-	.8	3.6	
022	332	4.3	19.9	+-	.6	3.0	12.4	+-	.8	3.7	
023	251	4.8	20.0	+-	.6	3.0	12.5	+-	.8	3.7	
024	32	5.3	22.1	+-	.7	3.3	14.6	+-	.8	3.9	
025	54	6.2	21.1	+-	.6	3.2	13.5	+-	.8	3.8	
026	64	5.5	20.8	+-	.6	3.1	13.2	+-	.8	3.8	
027	88	4.7	21.6	+-	.6	3.2	14.1	+-	.8	3.9	
028	124	5.1	21.2	+-	.6	3.2	13.6	+-	.8	3.8	
029	153	4.1	21.7	+-	.7	3.3	14.2	+-	.8	3.9	
030	142	3.6	19.3	+-	.6	2.9	11.8	+-	.7	3.6	
031	130	3	19.9	+-	.6	3.0	12.4	+-	.8	3.7	
032	110	2.8	19.4	+-	.6	2.9	11.9	+-	.8	3.6	
033	78	2.6	19.2	+-	.6	2.9	11.7	+-	.7	3.6	
034	58	2.2	18.0	+-	.5	2.7	10.5	+-	.7	3.4	
035	34	2.4	24.3	+-	.7	3.6	16.7	+-	.9	4.2	
036	19	2.7	23.1	+-	.7	3.5	15.5	+-	.8	4.0	
037	284	10	23.3	+-	.7	3.5	15.7	+-	.8	4.1	
038	289	15.	19.6	+-	.6	2.9	12.1	+-	.8	3.6	
039	293	15.	22.1	+-	.7	3.3	14.5	+-	.8	3.9	

TRANSIT DOSE = 7.2 +- .5 ; 2.3

FARLEY
FOR THE PERIOD 840614-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	15.0 \pm .7	2
33.75-56.25 (NE)	15.1 \pm 2.2	2
56.25-78.75 (ENE)	11.8 \pm 1.4	3
78.75-101.25 (E)	14.1 \pm 0.0	1
101.25-123.75 (ESE)	11.8 \pm 0.0	1
123.75-146.25 (SE)	12.6 \pm .9	3
146.25-168.75 (SSE)	14.9 \pm 1.1	2
168.75-191.25 (S)	14.7 \pm .2	2
191.25-213.75 (SSW)	13.2 \pm .6	2
213.75-236.25 (SW)	12.3 \pm .6	3
236.25-258.75 (WSW)	13.1 \pm .6	5
258.75-281.25 (W)	12.8 \pm .9	3
281.25-303.75 (WNW)	14.4 \pm 2.3	2
303.75-326.25 (NW)	12.9 \pm 1.1	2
326.25-348.75 (NNW)	12.3 \pm .1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	12.8 \pm .8	8
2-5	13.3 \pm 1.7	18
>5	13.8 \pm 1.0	9
UPWIND CONTROL DATA	14.1 \pm 1.8	3

FERMI
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841012 122 DAYS
 FIELD TIME 99 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	38	2.1	MISSING	OR DAMAGED	DOSIMETER	
002	22	2.3	MISSING	OR DAMAGED	DOSIMETER	
003	350	1.8	24.6 +- .7	:	3.7	NO NET DATA
004	345	1.9	19.8 +- .6	:	3.0	NO NET DATA
005	346	1.4	22.6 +- .7	:	3.4	NO NET DATA
006	310	1.3	23.1 +- .7	:	3.5	NO NET DATA
007	298	1.4	21.9 +- .7	:	3.3	NO NET DATA
008	277	1.6	22.2 +- .7	:	3.3	NO NET DATA
009	238	1.0	22.8 +- .7	:	3.4	NO NET DATA
010	225	1.5	MISSING	OR DAMAGED	DOSIMETER	
011	193	0.8	22.4 +- .7	:	3.4	NO NET DATA
012	183	0.9	MISSING	OR DAMAGED	DOSIMETER	
013	175	0.8	20.5 +- .6	:	3.1	NO NET DATA
014	260	1.7	MISSING	OR DAMAGED	DOSIMETER	
015	245	2.5	21.4 +- .6	:	3.2	NO NET DATA
016	236	3.0	23.8 +- .7	:	3.6	NO NET DATA
017	225	6.0	17.3 +- .5	:	2.6	NO NET DATA
018	250	7.0	MISSING	OR DAMAGED	DOSIMETER	
019	277	6.0	18.9 +- .6	:	2.8	NO NET DATA
020	297	6.0	21.6 +- .6	:	3.2	NO NET DATA
021	320	0.8	20.8 +- .6	:	3.1	NO NET DATA
022	340	4.7	22.7 +- .7	:	3.4	NO NET DATA
023	358	4.3	22.9 +- .7	:	3.4	NO NET DATA
024	23	5.0	24.9 +- .7	:	3.7	NO NET DATA
025	25	7.0	18.8 +- .6	:	2.8	NO NET DATA
026	0	7.0	21.1 +- .6	:	3.2	NO NET DATA
027	342	8.0	19.7 +- .6	:	3.0	NO NET DATA
028	320	9.5	20.4 +- .6	:	3.1	NO NET DATA
029	290	11.	22.3 +- .7	:	3.3	NO NET DATA
030	270	10.	21.3 +- .6	:	3.2	NO NET DATA
031	245	10.	19.7 +- .6	:	3.0	NO NET DATA
032	220	10.	22.0 +- .7	:	3.3	NO NET DATA
033	270	15.	19.0 +- .6	:	2.9	NO NET DATA
034	270	15.	18.8 +- .6	:	2.8	NO NET DATA
035	290	16.	20.6 +- .6	:	3.1	NO NET DATA
036	350	0.8	21.3 +- .6	:	3.2	NO NET DATA
037	330	0.7	22.8 +- .7	:	3.4	NO NET DATA
038	310	0.7	21.5 +- .6	:	3.2	NO NET DATA
039	23/	10.	19.4 +- .6	:	2.9	NO NET DATA
040	0	9.0	20.3 +- .6	:	3.0	NO NET DATA
041	348	9.0	17.8 +- .5	:	2.7	NO NET DATA

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

FERMI
FOR THE PERIOD 840613-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.2 \pm 1.3	5
11.25-33.75 (NNE)	15.5 \pm 2.5	3
33.75-56.25 (NE)	NO DATA \pm NO DATA	0
56.25-78.75 (ENE)	NO DATA \pm NO DATA	0
78.75-101.25 (E)	NO DATA \pm NO DATA	0
101.25-123.75 (ESE)	NO DATA \pm NO DATA	0
123.75-146.25 (SE)	NO DATA \pm NO DATA	0
146.25-168.75 (SSE)	NO DATA \pm NO DATA	0
168.75-191.25 (S)	15.1 \pm 0.0	1
191.25-213.75 (SSW)	16.5 \pm 0.0	1
213.75-236.25 (SW)	15.5 \pm 2.5	3
236.25-258.75 (WSW)	15.7 \pm 1.1	3
258.75-281.25 (W)	15.3 \pm 1.2	3
281.25-303.75 (WNW)	16.2 \pm .2	3
303.75-326.25 (NW)	15.8 \pm .9	4
326.25-348.75 (NNW)	15.4 \pm 1.6	6

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.3 \pm .9	12
2-5	16.8 \pm 1.1	6
>5	14.8 \pm 1.1	14
UPWIND CONTROL DATA	14.3 \pm .7	3

FITZPATRICK/NINE MI.
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841025 133 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.		
001	230	6.9	19.5 +- .6	2.9	14.5 +- .7	0.15	
002	184	14	21.2 +- .6	3.2	16.2 +- .8	0.17	
003	122	8.4	19.6 +- .6	2.9	14.7 +- .7	0.16	
004	76	10.	MISSING OR DAMAGED DOSIMETER				
005	91	6.8	20.7 +- .6	3.1	15.8 +- .8	0.17	
006	112	4.3	20.3 +- .6	3.0	15.3 +- .7	0.16	
007	138	4.3	20.0 +- .6	3.0	15.1 +- .7	0.16	
008	152	3.6	20.9 +- .6	3.1	15.9 +- .8	0.17	
009	183	3.9	19.7 +- .6	2.9	14.7 +- .7	0.16	
010	205	4.5	19.8 +- .6	3.0	14.8 +- .7	0.16	
011	220	4.4	20.9 +- .6	3.1	15.9 +- .8	0.17	
012	230	6.1	20.5 +- .6	3.1	15.6 +- .7	0.16	
013	245	1.8	21.2 +- .6	3.2	16.2 +- .8	0.17	
014	223	1.8	19.5 +- .6	2.9	14.8 +- .7	0.16	
015	204	2	19.7 +- .6	2.9	14.7 +- .7	0.16	
016	181	1.8	19.4 +- .6	2.9	14.4 +- .7	0.16	
017	157	1.9	20.1 +- .6	3.0	15.1 +- .7	0.16	
018	137	1.6	19.6 +- .6	2.9	14.6 +- .7	0.16	
019	115	1.2	20.6 +- .6	3.1	15.6 +- .7	0.16	
020	92	1.1	20.6 +- .6	3.1	15.7 +- .8	0.16	
021	229	19.	20.1 +- .6	3.0	15.1 +- .7	0.16	
022	229	19.	19.8 +- .6	3.0	14.8 +- .7	0.16	
023	229	19.	19.3 +- .6	2.9	14.4 +- .7	0.16	
024	196	8	20.1 +- .6	3.0	15.2 +- .7	0.16	
025	168	7.2	19.3 +- .6	2.9	14.3 +- .7	0.16	
026	152	.6	22.6 +- .7	3.4	17.6 +- .8	0.19	
TRANSIT DOSE =			4.6 +- .5	2.0			

FITZPATRICK/NINE MI.
FOR THE PERIOD 840615-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	15.7 \pm .1	2
101.25-123.75 (ESE)	15.2 \pm .5	3
123.75-146.25 (SE)	14.9 \pm .3	2
146.25-168.75 (SSE)	15.7 \pm 1.4	4
168.75-191.25 (S)	15.1 \pm .9	3
191.25-213.75 (SSW)	14.9 \pm .2	3
213.75-236.25 (SW)	15.1 \pm .7	4
236.25-258.75 (WSW)	16.2 \pm 0.0	1
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	15.4 \pm 1.0	9
2-5	15.3 \pm .5	6
>5	15.2 \pm .7	7
UPWIND CONTROL DATA	14.8 \pm .4	3

FT. CALHOUN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840612-841019 130 DAYS
 FIELD TIME 96 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.	
001	358	2.0	22.1	+.7	16.3	+.7	
002	351	4.6	21.3	+.6	15.6	+.7	
003	30	2.5	23.1	+.7	17.2	+.7	
004	27	4.6	23.2	+.7	17.4	+.7	
005	53	1.9	22.8	+.7	17.6	+.7	
006	37	3.9	22.7	+.7	16.9	+.7	
007	76	2.3	23.4	+.7	17.5	+.7	
008	59	2.2	22.3	+.7	16.5	+.7	
009	100	2.3	19.8	+.6	14.1	+.7	
010	88	5.6	23.3	+.7	17.4	+.7	
011	122	2.3	MISSING OR DAMAGED DOSIMETER				
012	105	5.7	22.0	+.7	16.2	+.7	
013	145	1.9	23.7	+.7	17.8	+.7	
014	128	5.5	21.8	+.7	16.0	+.7	
015	157	1.9	24.0	+.7	18.1	+.7	
016	150	4.9	23.3	+.7	17.5	+.7	
017	173	0.5	22.5	+.7	16.7	+.7	
018	173	5.3	23.8	+.7	17.9	+.7	
019	212	2.5	24.1	+.7	18.2	+.7	
020	204	5.3	24.4	+.7	18.4	+.7	
021	233	2.0	24.3	+.7	18.4	+.7	
022	224	4.6	24.0	+.7	18.1	+.7	
023	239	0.6	23.3	+.7	17.4	+.7	
024	243	6.9	21.9	+.7	16.1	+.7	
025	269	2.3	23.6	+.7	17.7	+.7	
026	262	5.9	24.2	+.7	18.3	+.7	
027	288	2.0	24.0	+.7	18.1	+.7	
028	292	5.0	23.6	+.7	17.7	+.7	
029	311	2.4	22.7	+.7	16.9	+.7	
030	310	5.5	24.5	+.7	18.6	+.7	
031	340	2.3	MISSING OR DAMAGED DOSIMETER				
032	338	5.3	22.0	+.7	17.0	+.7	
033	182	0.5	23.4	+.7	17.6	+.7	
035	127	2.2	21.7	+.6	15.9	+.7	
039	150	5.0	21.1	+.6	15.4	+.7	
040	73	9.5	23.7	+.7	17.8	+.7	
043	29	0.0	22.1	+.7	16.3	+.7	
044	65	3.5	20.4	+.6	14.7	+.7	
045	182	4.4	23.1	+.7	17.3	+.7	
047	298	4.5	24.3	+.7	18.4	+.7	
048	13	14.	22.9	+.7	17.0	+.7	
049	207	19.	24.0	+.7	18.1	+.7	
TRANSIT DOSE =			4.7	+.5	2.9		

FT. CALHOUN
FOR THE PERIOD 840612-841019

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.9 \pm .5	2
11.25-33.75 (NNE)	17.0 \pm .6	3
33.75-56.25 (NE)	16.9 \pm .1	2
56.25-78.75 (ENE)	16.6 \pm 1.4	4
78.75-101.25 (E)	15.8 \pm 2.3	2
101.25-123.75 (ESE)	16.2 \pm 0.0	1
123.75-146.25 (SE)	16.6 \pm 1.1	3
146.25-168.75 (SSE)	17.0 \pm 1.4	3
168.75-191.25 (S)	17.3 \pm .5	4
191.25-213.75 (SSW)	18.3 \pm .2	2
213.75-236.25 (SW)	18.2 \pm .2	2
236.25-258.75 (WSW)	16.8 \pm .9	2
258.75-281.25 (W)	18.0 \pm .4	2
281.25-303.75 (WNW)	18.1 \pm .3	3
303.75-326.25 (NW)	17.7 \pm 1.2	2
326.25-348.75 (NNW)	17.0 \pm 0.0	1

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	17.4 \pm .7	8
2-5	16.9 \pm 1.3	18
>5	17.2 \pm 1.0	12
UPWIND CONTROL DATA	17.6 \pm .7	2

FT. ST. VRAIN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841018 128 DAYS
 FIELD TIME 88 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	8	0.0	32.9 +- 1.0	4.9	26.2 +- 1.2	5.6
002	2	0.3	31.3 +- .9	4.7	24.6 +- 1.1	5.4
003	29	2.6	29.4 +- .9	4.4	22.6 +- 1.1	5.2
004	17	5.4	30.0 +- .9	4.6	24.1 +- 1.1	5.4
005	54	2.1	29.1 +- .9	4.4	22.3 +- 1.1	5.1
006	48	4.0	31.5 +- .9	4.7	24.0 +- 1.1	5.4
007	76	2.5	33.9 +- 1.0	5.1	27.3 +- 1.2	5.8
008	58	4.2	31.0 +- .9	4.6	24.0 +- 1.1	5.4
009	100	1.5	33.2 +- 1.0	5.0	26.6 +- 1.2	5.7
010	87	4.5	30.2 +- .9	4.5	23.4 +- 1.1	5.3
011	118	1.6	34.0 +- 1.0	5.1	27.3 +- 1.2	5.8
012	104	0.0	33.7 +- 1.0	5.1	27.1 +- 1.2	5.7
013	143	1.6	30.0 +- .9	4.6	24.1 +- 1.1	5.4
014	128	4.5	36.1 +- 1.1	5.4	29.5 +- 1.2	6.1
015	160	2.0	29.1 +- .9	4.4	22.3 +- 1.1	5.1
016	148	4.6	30.0 +- .9	4.6	24.0 +- 1.1	5.3
017	182	0.0	32.1 +- 1.0	4.8	25.4 +- 1.1	5.5
018	175	4.0	31.0 +- 1.0	4.8	25.1 +- 1.1	5.5
019	210	0.9	33.5 +- 1.0	5.0	26.9 +- 1.2	5.7
020	200	2.9	32.4 +- 1.0	4.9	25.7 +- 1.1	5.6
021	234	1.0	33.0 +- 1.0	4.9	26.3 +- 1.2	5.6
022	216	0.0	29.7 +- .9	4.5	23.0 +- 1.1	5.2
023	254	2.5	31.0 +- .9	4.7	24.6 +- 1.1	5.4
024	244	0.0	33.1 +- 1.0	5.0	26.4 +- 1.2	5.7
025	270	1.5	30.4 +- .9	4.6	23.6 +- 1.1	5.3
026	263	5.4	30.9 +- .9	4.6	24.2 +- 1.1	5.4
027	297	1.7	29.6 +- .9	4.4	22.9 +- 1.1	5.2
028	204	5.6	31.2 +- .9	4.7	24.5 +- 1.1	5.4
029	317	0.9	29.7 +- .9	4.4	22.9 +- 1.1	5.2
030	305	4.2	30.0 +- .9	4.5	23.2 +- 1.1	5.2
031	338	1.4	30.7 +- .9	4.6	23.9 +- 1.1	5.3
032	330	5.0	28.2 +- 1.0	4.2	21.4 +- 1.0	5.0
033	267	0.5	33.0 +- 1.0	5.0	26.4 +- 1.2	5.7
034	130	0.7	31.0 +- .9	4.7	24.0 +- 1.1	5.4
035	270	0.1	29.7 +- .9	4.5	23.0 +- 1.1	5.2
038	345	6.7	31.7 +- 1.0	4.8	25.0 +- 1.1	5.5
039	10	6.0	32.3 +- 1.0	4.8	25.6 +- 1.1	5.5
040	63	6.0	MISSING OR DAMAGED DOSIMETER			
041	165	12.	33.4 +- 1.0	5.0	26.8 +- 1.2	5.7
042	248	13.	35.4 +- 1.1	5.3	28.8 +- 1.2	6.0
045	198	11.	31.1 +- .9	4.7	24.4 +- 1.1	5.4
046	39	16.	29.2 +- .9	4.4	22.5 +- 1.1	5.1
047	357	17.	28.1 +- .8	4.2	21.3 +- 1.0	5.0
048	171	18.	30.6 +- .9	4.6	23.9 +- 1.1	5.3
049	360	0.5	33.9 +- 1.0	5.1	27.3 +- 1.2	5.8
TRANSIT DOSE = 7.2 +- .6 ; 2.5						

FT. ST. VRAIN
FOR THE PERIOD 840613-841018

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	25.5 \pm .9	3
11.25-33.75 (NNE)	23.4 \pm 1.0	2
33.75-56.25 (NE)	23.2 \pm 1.4	3
56.25-78.75 (ENE)	25.8 \pm 2.1	2
78.75-101.25 (E)	25.0 \pm 2.2	2
101.25-123.75 (ESE)	27.2 \pm .2	2
123.75-146.25 (SE)	26.0 \pm 3.1	3
146.25-168.75 (SSE)	24.4 \pm 2.2	3
168.75-191.25 (S)	25.3 \pm .3	2
191.25-213.75 (SSW)	25.7 \pm 1.2	3
213.75-236.25 (SW)	24.6 \pm 2.4	2
236.25-258.75 (WSW)	26.6 \pm 2.1	3
258.75-281.25 (W)	24.3 \pm 1.5	4
281.25-303.75 (WNW)	23.7 \pm 1.2	2
303.75-326.25 (NW)	23.1 \pm .2	2
326.25-348.75 (NNW)	23.5 \pm 1.8	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	24.9 \pm 1.7	12
2-5	24.5 \pm 2.0	19
>5	25.2 \pm 1.8	10
UPWIND CONTROL DATA	24.2 \pm 3.0	3

GINNA
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841025 133 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.			mR/Std. Qtr. + Rdm; Tot.			
002	108	1.1	20.8	+-	.6	3.1	13.2	+- .00	3.7
003	142	1.7	20.5	+-	.6	3.1	12.9	+- .00	3.7
004	154	1.5	20.8	+-	.6	3.1	13.2	+- .00	3.7
005	174	1.4	21.8	+-	.7	3.3	14.2	+- .00	3.9
006	212	1.6	20.6	+-	.6	3.1	13.1	+- .00	3.7
007	244	.9	19.5	+-	.6	2.9	12.0	+- .00	3.6
008	230	.6	22.6	+-	.7	3.4	15.0	+- .00	4.0
910	266	1.5	22.0	+-	.7	3.3	14.4	+- .00	3.9
011	264	4.6	22.7	+-	.7	3.4	15.1	+- .00	4.0
012	245	3.0	19.7	+-	.6	3.0	12.3	+- .00	3.6
013	235	4.2	19.6	+-	.6	2.9	12.1	+- .00	3.6
014	200	3.0	19.5	+-	.6	2.9	12.0	+- .00	3.6
015	178	3.4	21.5	+-	.6	3.2	13.9	+- .00	3.8
016	160	3.7	18.5	+-	.6	3.0	11.0	+- .00	3.5
017	134	3.0	19.0	+-	.6	3.0	12.3	+- .00	3.6
018	115	4.3	22.1	+-	.7	3.3	14.5	+- .00	3.9
019	88	4	21.3	+-	.6	3.2	13.0	+- .00	3.8
020	90	6.2	25.0	+-	.7	3.7	17.2	+- .00	4.2
021	123	7.6	20.6	+-	.6	3.1	13.0	+- .00	3.7
022	105	12.	19.6	+-	.6	2.9	12.1	+- .00	3.6
023	151	11.	20.8	+-	.6	3.1	13.3	+- .00	3.8
024	212	13.	23.1	+-	.7	3.5	15.4	+- .00	4.0
025	223	13.	20.4	+-	.6	3.1	12.0	+- .00	3.7
026	242	16.	21.7	+-	.6	3.2	14.1	+- .00	3.9
027	254	14.	22.1	+-	.7	3.3	14.5	+- .00	3.9
028	234	6.9	19.8	+-	.6	3.0	12.3	+- .00	3.6
029	185	.3	21.2	+-	.6	3.2	13.7	+- .00	3.8
030	264	14.	20.4	+-	.6	3.1	12.0	+- .00	3.7
TRANSIT DOSE = 6.9 +- .5 ; 2.4									

GINNA
FOR THE PERIOD 840615-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	15.5 \pm 2.5	2
101.25-123.75 (ESE)	13.2 \pm 1.0	4
123.75-146.25 (SE)	12.6 \pm .5	2
146.25-168.75 (SSE)	12.5 \pm 1.3	3
168.75-191.25 (S)	13.9 \pm .3	3
191.25-213.75 (SSW)	13.5 \pm 1.0	3
213.75-236.25 (SW)	13.1 \pm 1.3	4
236.25-258.75 (WSW)	12.1 \pm .2	2
258.75-281.25 (W)	14.8 \pm .5	2
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	13.5 \pm .9	9
2-5	13.0 \pm 1.4	9
>5	13.7 \pm 1.9	7
UPWIND CONTROL DATA	13.8 \pm .9	3

GRAND GULF
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841018 126 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ -	Rdm;	Tot.	mR/Std. Qtr.	+ -	Rdm; Tot.
002	351	1.6	17.4	+-	.5	14.6	+-	.6
003	20	1.5	19.7	+-	.6	16.8	+-	.7
004	51	2.2	18.6	+-	.6	15.7	+-	.7
005	68	2.7	19.6	+-	.6	16.6	+-	.7
006	47	4.1	19.2	+-	.6	16.3	+-	.7
007	68	4.9	20.8	+-	.6	17.8	+-	.7
008	91	3.2	21.6	+-	.6	18.6	+-	.7
009	81	1.9	13.9	+-	.6	16.8	+-	.7
010	189	0.6	20.7	+-	.6	17.7	+-	.7
011	139	0.8	20.6	+-	.6	17.6	+-	.7
012	185	1.6	19.9	+-	.6	17.8	+-	.7
013	207	1.9	21.2	+-	.6	18.2	+-	.7
014	247	1.5	20.2	+-	.6	17.2	+-	.7
015	130	4.2	20.8	+-	.6	17.8	+-	.7
016	122	4.0	19.6	+-	.6	16.7	+-	.7
017	135	5.3	19.5	+-	.6	16.5	+-	.7
018	147	4.3	17.9	+-	.6	15.9	+-	.6
019	224	6.8	20.8	+-	.6	17.8	+-	.7
020	172	3.6	19.2	+-	.6	16.3	+-	.7
021	291	12.	19.1	+-	.6	16.2	+-	.7
022	332	8.8	21.6	+-	.6	18.6	+-	.7
023	310	7.9	19.8	+-	.6	16.9	+-	.7
024	281	7.8	18.9	+-	.6	16.9	+-	.7
025	291	4.8	20.1	+-	.6	17.1	+-	.7
026	248	9.5	18.7	+-	.6	15.8	+-	.7
027	239	12.	18.4	+-	.6	15.5	+-	.7
029	090	0.9	19.9	+-	.6	17.8	+-	.7
030	67	51	15.8	+-	.5	13.1	+-	.6
031	67	51	16.8	+-	.5	13.2	+-	.6
032	67	51	16.4	+-	.5	13.6	+-	.6
033	206	4.8	20.3	+-	.6	17.4	+-	.7

TRANSIT DOSE = 2.2 +- .4 ; 1.8

GRAND GULF
FOR THE PERIOD 840615-841018

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.8 \pm 0.0	1
11.25-33.75 (NNE)	16.8 \pm 0.0	1
33.75-56.25 (NE)	16.0 \pm .4	2
56.25-78.75 (ENE)	17.2 \pm .8	2
78.75-101.25 (E)	17.2 \pm 1.3	3
101.25-123.75 (ESE)	17.2 \pm .7	2
123.75-146.25 (SE)	17.3 \pm .7	3
146.25-168.75 (SSE)	15.0 \pm 0.0	1
168.75-191.25 (S)	16.6 \pm .5	2
191.25-213.75 (SSW)	17.8 \pm .6	2
213.75-236.25 (SW)	17.8 \pm 0.0	1
236.25-258.75 (WSW)	16.2 \pm .5	3
258.75-281.25 (W)	16.0 \pm 0.0	1
281.25-303.75 (WNW)	16.7 \pm .8	2
303.75-326.25 (NW)	16.9 \pm 0.0	1
326.25-348.75 (NNW)	18.8 \pm 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.9 \pm 1.1	9
2-5	16.9 \pm 1.0	11
>5	16.7 \pm 1.1	8
UPWIND CONTROL DATA	13.3 \pm .3	3

HADDAM NECK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841010 118 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
002	17	2.6	24.5 +- .7	3.7	20.2 +- .8	4.1
003	45	1.9	19.2 +- .6	2.9	15.0 +- .7	3.4
004	67	2.3	21.5 +- .6	2.2	17.3 +- .8	3.7
005	93	1.6	20.4 +- .6	3.1	16.2 +- .7	3.5
006	115	2.3	24.9 +- .7	3.7	20.6 +- .9	4.1
007	143	1.9	24.5 +- .7	3.7	20.2 +- .8	4.1
008	165	.9	20.3 +- .6	3.0	16.1 +- .7	3.5
009	174	1.3	24.2 +- .7	3.6	19.9 +- .8	4.0
010	195	.7	19.1 +- .6	2.9	14.9 +- .7	3.4
012	241	.8	22.7 +- .7	3.4	18.5 +- .8	3.8
013	263	.8	20.8 +- .6	3.1	16.6 +- .8	3.7
014	290	1.9	22.1 +- .7	3.3	17.0 +- .8	3.7
015	311	1.5	20.1 +- .6	3.0	15.9 +- .7	3.5
016	341	1.3	20.4 +- .6	3.1	16.2 +- .7	3.5
017	360	2.3	24.7 +- .7	3.7	20.4 +- .8	4.1
018	222	2.5	21.0 +- .6	3.1	16.0 +- .8	3.6
019	269	.3	22.2 +- .7	3.3	18.0 +- .8	3.8
020	66	3.2	20.2 +- .6	3.0	16.0 +- .7	3.5
021	91	2.8	25.8 +- .8	3.9	21.5 +- .9	4.2
022	112	3.2	20.9 +- .6	3.1	16.7 +- .8	3.6
023	137	2.9	20.8 +- .6	3.1	16.6 +- .8	3.6
024	155	7.1	19.2 +- .6	2.9	15.0 +- .7	3.4
025	175	5.7	23.3 +- .7	3.5	19.1 +- .8	3.9
026	196	2.5	18.7 +- .6	2.8	14.6 +- .7	3.3
027	225	1.1	24.8 +- .7	3.7	20.5 +- .8	4.1
028	250	3.5	MISSING OR DAMAGED DOSIMETER			
029	340	20	33.1 +- 1.0	5.0	28.6 +- 1.1	5.2
030	286	3.2	19.5 +- .6	2.9	15.3 +- .7	3.4
031	322	2.7	23.1 +- .7	3.5	18.8 +- .8	3.9
032	327	2.9	22.8 +- .7	3.4	18.5 +- .8	3.8
033	359	6.4	18.8 +- .6	2.8	14.7 +- .7	3.3
035	54	10.	21.5 +- .6	3.2	17.3 +- .8	3.7
036	72	8.8	24.0 +- .7	3.6	19.7 +- .8	4.0
037	149	6.8	MISSING OR DAMAGED DOSIMETER			
038	158	5.9	20.6 +- .6	3.1	16.4 +- .7	3.6
039	267	8.8	22.4 +- .7	3.4	18.1 +- .8	3.8
040	303	9.1	21.9 +- .7	3.3	17.6 +- .8	3.7
041	313	9.6	19.3 +- .6	2.9	15.1 +- .7	3.4
042	320	13.	23.4 +- .7	3.5	19.2 +- .8	3.9
043	324	18	20.2 +- .6	3.0	16.0 +- .7	3.5
044	328	15	21.9 +- .7	3.3	17.7 +- .8	3.7
045	343	18	22.8 +- .7	3.4	18.6 +- .8	3.8
046	144	5	19.6 +- .6	2.9	15.4 +- .7	3.4
047	330	20	MISSING OR DAMAGED DOSIMETER			
049	340	20	21.3 +- .6	3.2	17.1 +- .8	3.6
TRANSIT DOSE = 3.8 +- .4 ; 1.9						

HADDAM NECK
FOR THE PERIOD 840615-841010

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.5 \pm 4.1	2
11.25-33.75 (NNE)	20.2 \pm 0.0	1
33.75-56.25 (NE)	16.2 \pm 1.6	2
56.25-78.75 (ENE)	17.7 \pm 1.9	3
78.75-101.25 (E)	18.8 \pm 3.8	2
101.25-123.75 (ESE)	18.6 \pm 2.7	2
123.75-146.25 (SE)	17.4 \pm 2.5	3
146.25-168.75 (SSE)	15.8 \pm .7	3
168.75-191.25 (S)	19.5 \pm .6	2
191.25-213.75 (SSW)	14.8 \pm .3	2
213.75-236.25 (SW)	18.6 \pm 2.6	2
236.25-258.75 (WSW)	18.5 \pm 0.0	1
258.75-281.25 (W)	17.6 \pm .8	3
281.25-303.75 (WNW)	16.9 \pm 1.4	3
303.75-326.25 (NW)	17.0 \pm 1.8	5
326.25-348.75 (NNW)	19.9 \pm 4.9	5

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.3 \pm 2.0	12
2-5	17.8 \pm 2.2	15
>5	18.1 \pm 3.4	14
UPWIND CONTROL DATA	17.1 \pm 0.0	1

HARRIS
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840703-841012 102 DAYS
 FIELD TIME 66 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.
001	36	2.6	MISSING OR DAMAGED DOSIMETER		
002	25	3.2	19.2 +- .6	2.9	NO NET DATA
003	5	2.5	MISSING OR DAMAGED DOSIMETER		
004	27	1.5	MISSING OR DAMAGED DOSIMETER		
005	36	.9	MISSING OR DAMAGED DOSIMETER		
006	68	.8	18.4 +- .6	2.8	NO NET DATA
007	98	.7	MISSING OR DAMAGED DOSIMETER		
008	232	.7	19.3 +- .6	2.9	NO NET DATA
009	190	.8	17.8 +- .5	2.7	NO NET DATA
010	158	.7	19.2 +- .6	2.9	NO NET DATA
011	42	4.7	MISSING OR DAMAGED DOSIMETER		
012	40	8.6	21.2 +- .6	3.2	NO NET DATA
013	298	13.	18.4 +- .6	2.8	NO NET DATA
014	298	12.	18.2 +- .5	2.7	NO NET DATA
015	298	11.	16.8 +- .5	2.5	NO NET DATA
016	332	4.8	19.1 +- .6	2.9	NO NET DATA
018	270	5.1	19.6 +- .6	2.9	NO NET DATA
019	270	5.1	20.4 +- .6	3.1	NO NET DATA
020	227	4.8	17.9 +- .5	2.7	NO NET DATA
021	208	4.8	17.0 +- .5	2.5	NO NET DATA
022	190	4.6	19.9 +- .6	3.0	NO NET DATA
023	151	4.8	18.8 +- .6	2.8	NO NET DATA
024	132	4.7	18.2 +- .5	2.7	NO NET DATA
025	112	5	20.2 +- .6	3.0	NO NET DATA
026	92	4.6	23.1 +- .7	3.5	NO NET DATA
027	115	2.8	MISSING OR DAMAGED DOSIMETER		
028	135	2.3	16.6 +- .5	2.5	NO NET DATA
029	164	2.2	18.6 +- .6	2.8	NO NET DATA
030	49	2.2	20.4 +- .6	3.1	NO NET DATA
031	276	1.8	18.8 +- .6	2.8	NO NET DATA
032	292	1.7	MISSING OR DAMAGED DOSIMETER		
033	314	1.4	20.3 +- .6	3.0	NO NET DATA
034	329	1.3	20.5 +- .6	3.1	NO NET DATA
035	350	4.5	MISSING OR DAMAGED DOSIMETER		
036	338	4.4	21.9 +- .7	3.3	NO NET DATA
037	16	4.9	MISSING OR DAMAGED DOSIMETER		
038	68	4.8	MISSING OR DAMAGED DOSIMETER		
039	80	6.9	MISSING OR DAMAGED DOSIMETER		
040	80	6.9	MISSING OR DAMAGED DOSIMETER		
041	118	9.7	21.0 +- .6	3.1	NO NET DATA
042	260	1.1	18.6 +- .6	2.8	NO NET DATA
043	333	1.7	18.0 +- .5	2.7	NO NET DATA
044	50	24	22.4 +- .7	3.4	NO NET DATA

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

HARRIS
FOR THE PERIOD 840703-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	16.9 \pm 0.0	1
33.75-56.25 (NE)	18.8 \pm .9	3
56.25-78.75 (ENE)	16.2 \pm 0.0	1
78.75-101.25 (E)	20.4 \pm 0.0	1
101.25-123.75 (ESE)	18.1 \pm .5	2
123.75-146.25 (SE)	15.3 \pm 1.0	2
146.25-168.75 (SSE)	16.6 \pm .3	3
168.75-191.25 (S)	16.6 \pm 1.3	2
191.25-213.75 (SSW)	15.0 \pm 0.0	1
213.75-236.25 (SW)	16.4 \pm .8	2
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	17.0 \pm .7	4
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	17.9 \pm 0.0	1
326.25-348.75 (NNW)	17.5 \pm 1.5	4

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.7 \pm .8	9
2-5	17.0 \pm 1.6	13
>5	18.4 \pm .9	5
UPWIND CONTROL DATA	15.7 \pm .8	3

HATCH
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841009 118 DAYS
 FIELD TIME 77 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ -	Rdm	Tot.	mR/Std. Qtr.	+ - Rdm; Tot.
001	342	23	20.3	+-	.6	3.0	NO NET DATA
002	359	7.7	18.3	+-	.5	2.7	NO NET DATA
003	354	4.5	18.3	+-	.5	2.7	NO NET DATA
004	336	2.9	17.2	+-	.5	2.6	NO NET DATA
005	309	4.6	18.4	+-	.6	2.8	NO NET DATA
006	297	5.6	20.3	+-	.6	3.0	NO NET DATA
007	24	2.8	18.7	+-	.6	2.8	NO NET DATA
008	49	2.0	18.8	+-	.6	2.8	NO NET DATA
009	49	10.	17.8	+-	.5	2.7	NO NET DATA
010	28	4.8	19.3	+-	.6	2.9	NO NET DATA
011	67	5.0	19.1	+-	.6	2.9	NO NET DATA
012	50	5.1	24.2	+-	.7	3.6	NO NET DATA
013	353	2.0	18.0	+-	.5	2.7	NO NET DATA
014	341	1.6	20.1	+-	.7	3.0	NO NET DATA
015	147	10.	17.5	+-	.5	2.6	NO NET DATA
016	232	0.9	17.4	+-	.5	2.6	NO NET DATA
017	205	1.6	20.4	+-	.6	3.1	NO NET DATA
018	192	4.2	15.8	+-	.5	2.4	NO NET DATA
019	184	4.2	15.2	+-	.5	2.3	NO NET DATA
020	165	4.6	17.6	+-	.5	2.6	NO NET DATA
021	135	4.4	18.0	+-	.5	2.7	NO NET DATA
022	120	4.1	20.0	+-	.6	3.0	NO NET DATA
023	107	3.7	17.8	+-	.5	2.7	NO NET DATA
024	123	13.	17.0	+-	.5	2.6	NO NET DATA
025	114	12.	18.9	+-	.6	2.8	NO NET DATA
026	142	1.8	18.8	+-	.6	2.8	NO NET DATA
027	157	2.2	17.8	+-	.5	2.7	NO NET DATA
028	171	0.9	19.1	+-	.6	2.9	NO NET DATA
029	253	1.0	MISSING OR DAMAGED DOSIMETER				
030	270	1.0	19.0	+-	.6	2.9	NO NET DATA
031	292	1.1	18.4	+-	.6	2.8	NO NET DATA
032	268	4.2	18.4	+-	.6	2.8	NO NET DATA
033	248	4.3	17.9	+-	.5	2.7	NO NET DATA
034	216	4.1	15.9	+-	.5	2.4	NO NET DATA
035	234	11.	17.7	+-	.5	2.7	NO NET DATA
036	182	10.	16.1	+-	.5	2.4	NO NET DATA
037	177	10.	17.1	+-	.5	2.6	NO NET DATA
038	323	12.	20.2	+-	.6	3.0	NO NET DATA
039	321	13.	20.0	+-	.6	3.0	NO NET DATA
040	323	12.	19.6	+-	.6	2.9	NO NET DATA

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

HATCH
FOR THE PERIOD 840614-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	13.8 \pm .1	3
11.25-33.75 (NNE)	14.5 \pm .3	2
33.75-56.25 (NE)	15.5 \pm 2.6	3
56.25-78.75 (ENE)	14.6 \pm 0.0	1
78.75-101.25 (E)	NO DATA- NO DATA	0
101.25-123.75 (ESE)	14.0 \pm 1.0	4
123.75-146.25 (SE)	14.0 \pm .4	2
146.25-168.75 (SSE)	13.4 \pm .1	3
168.75-191.25 (S)	12.9 \pm 1.3	4
191.25-213.75 (SSW)	13.8 \pm 2.5	2
213.75-236.25 (SW)	13.0 \pm .7	3
236.25-258.75 (WSW)	13.6 \pm 0.0	1
258.75-281.25 (W)	14.2 \pm .4	2
281.25-303.75 (WNW)	14.7 \pm 1.0	2
303.75-326.25 (NW)	14.0 \pm 0.0	1
326.25-348.75 (NNW)	14.6 \pm 1.3	3

RANGE (mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	14.4 \pm .7	9
2-5	13.6 \pm 1.0	18
>5	14.2 \pm 1.7	11
UPWIND CONTROL DATA	15.2 \pm .3	3

INDIAN POINT
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841025 133 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.		
001	52	1.4	18.7 +- .6	3.2	12.9 +- .7	0.0	
002	53	1	19.9 +- .6	3.3	14.1 +- .7	0.0	
003	61	1.5	20.4 +- .6	3.1	14.5 +- .7	0.0	
004	89	1.2	21.0 +- .6	3.1	15.1 +- .7	0.0	
005	107	.9	20.8 +- .6	3.1	14.9 +- .7	0.0	
006	90	.5	22.3 +- .7	3.3	16.4 +- .8	0.0	
007	133	.8	24.2 +- .7	3.6	18.2 +- .8	4.0	
008	158	.8	MISSING OR DAMAGED DOSIMETER				
009	188	1.2	22.6 +- .7	3.4	16.7 +- .8	0.0	
010	206	.9	22.1 +- .7	3.3	16.1 +- .8	0.0	
011	170	1.1	20.3 +- .6	3.0	14.4 +- .7	0.0	
012	155	2.3	19.6 +- .6	3.9	13.7 +- .7	0.0	
013	136	3.2	20.0 +- .6	3.0	14.1 +- .7	0.0	
014	107	3.1	18.7 +- .6	3.0	13.9 +- .7	0.0	
015	94	3.0	20.5 +- .6	3.1	14.6 +- .7	0.0	
016	142	5.7	20.9 +- .6	3.1	15.0 +- .7	0.0	
018	147	9.1	22.7 +- .7	3.4	16.7 +- .8	0.0	
019	137	12.	24.1 +- .7	3.6	18.1 +- .8	4.0	
020	129	12.	21.9 +- .7	3.0	16.0 +- .7	0.0	
022	74	7.5	21.2 +- .6	3.2	15.3 +- .7	0.0	
023	5	92	24.0 +- .7	3.6	18.0 +- .8	4.0	
024	5	92	23.1 +- .7	3.5	17.1 +- .7	0.0	
025	65	4.1	20.0 +- .6	3.0	14.1 +- .7	0.0	
026	40	4	23.1 +- .7	3.5	17.1 +- .7	0.0	
027	25	5.3	22.0 +- .7	3.3	16.1 +- .7	0.0	
028	24	2.9	20.0 +- .6	3.1	15.0 +- .7	0.0	
029	22	2.1	20.7 +- .6	3.1	14.0 +- .7	0.0	
030	8	1.9	21.3 +- .6	3.3	15.4 +- .7	0.0	
031	356	5	22.3 +- .7	3.3	16.3 +- .7	0.0	
032	330	3.7	23.6 +- .7	3.5	17.6 +- .8	0.0	
033	338	4.7	23.1 +- .7	3.5	17.1 +- .7	0.0	
034	354	7	23.4 +- .7	3.5	17.4 +- .7	0.0	
035	297	4.4	21.0 +- .6	3.2	15.1 +- .7	0.0	
036	309	3.6	37.2 +- 1.1	5.6	30.7 +- 1.2	0.0	
037	350	1.1	22.7 +- .7	3.4	16.7 +- .7	0.0	
038	337	.9	22.9 +- .7	3.4	16.9 +- .7	0.0	
039	315	1	20.6 +- .6	3.1	14.7 +- .7	0.0	
040	294	1.1	20.9 +- .7	3.6	17.9 +- .8	4.0	
041	274	1.1	22.9 +- .7	3.4	16.9 +- .7	0.0	
042	248	1.5	23.6 +- .7	3.5	17.6 +- .7	0.0	
044	5	92	23.5 +- .7	3.5	17.5 +- .7	0.0	
045	227	2.4	24.5 +- .7	3.7	18.5 +- .8	4.0	
046	209	3.2	20.5 +- .6	3.1	14.6 +- .7	0.0	
047	218	5.3	22.5 +- .7	3.4	16.6 +- .7	0.0	
048	201	4.6	21.0 +- .6	3.1	15.1 +- .7	0.0	
049	187	5.2	20.0 +- .6	3.0	14.1 +- .7	0.0	
TRANSIT DOSE = 5.4 +- .5			; 2.0				

INDIAN POINT
 FOR THE PERIOD 840615-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.7 \pm .8	5
11.25-33.75 (NNE)	15.3 \pm .7	3
33.75-56.25 (NE)	14.7 \pm 2.2	3
56.25-78.75 (ENE)	14.6 \pm .6	3
78.75-101.25 (E)	15.4 \pm .8	3
101.25-123.75 (ESE)	13.9 \pm 1.4	2
123.75-146.25 (SE)	16.3 \pm 1.8	5
146.25-168.75 (SSE)	15.2 \pm 2.1	2
168.75-191.25 (S)	15.1 \pm 1.4	3
191.25-213.75 (SSW)	15.3 \pm .8	3
213.75-236.25 (SW)	17.5 \pm 1.4	2
236.25-258.75 (WSW)	17.6 \pm 0.0	1
258.75-281.25 (W)	16.9 \pm 0.0	1
281.25-303.75 (WNW)	16.5 \pm 2.0	2
303.75-326.25 (NW)	22.7 \pm 11.4	2
326.25-348.75 (NNW)	17.2 \pm .4	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	15.8 \pm 1.5	17
2-5	16.3 \pm 4.1	16
>5	16.3 \pm 1.2	10
UPWIND CONTROL DATA	17.6 \pm .7	2

KEWAUNEE/PT. BEACH
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840612-841019 130 DAYS
 FIELD TIME 82 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.)	(mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	189	8.1	15.1	+-	12.4	+-
002	195	7.8	20.1	+-	17.0	+-
003	163	4.9	14.9	+-	12.0	+-
004	183	3.3	17.7	+-	15.0	+-
005	210	3.2	15.4	+-	12.7	+-
006	223	3.7	19.0	+-	16.7	+-
007	242	5.7	16.1	+-	13.5	+-
008	202	1.8	18.6	+-	15.7	+-
009	180	1.8	18.9	+-	16.0	+-
010	158	1.9	15.8	+-	12.9	+-
011	235	1.2	18.9	+-	16.0	+-
012	258	1.4	17.3	+-	14.8	+-
013	273	1.4	17.5	+-	15.0	+-
014	298	0.9	19.2	+-	16.9	+-
015	342	0.8	16.7	+-	14.2	+-
016	342	1.9	17.6	+-	15.2	+-
017	317	2.6	17.1	+-	14.8	+-
018	319	3.4	19.1	+-	16.8	+-
019	333	4.0	18.4	+-	16.0	+-
020	373	4.0	18.8	+-	16.4	+-
021	380	5.8	17.8	+-	14.4	+-
022	316	5.9	17.5	+-	15.1	+-
023	345	7.7	18.5	+-	16.1	+-
024	219	1.3	17.3	+-	14.8	+-
025	247	1.4	18.4	+-	16.0	+-
026	263	1.3	17.9	+-	15.8	+-
027	298	1.4	18.8	+-	16.8	+-
028	328	1.3	18.3	+-	16.4	+-
029	342	1.1	17.8	+-	16.0	+-
030	329	0.6	17.4	+-	14.9	+-
031	13	1.8	16.2	+-	13.8	+-
032	353	2.1	18.1	+-	15.7	+-
033	381	3.9	17.5	+-	15.0	+-
034	299	0.4	17.9	+-	15.4	+-
035	323	0.8	16.8	+-	14.3	+-
036	336	3.3	17.2	+-	14.7	+-
037	6	3.1	16.8	+-	14.3	+-
038	14	3.7	17.3	+-	14.8	+-
039	13	7.6	15.5	+-	12.8	+-
040	247	4.9	17.9	+-	15.4	+-
041	8	23.	16.1	+-	13.5	+-
042	8	23.	15.9	+-	13.3	+-
043	8	23.	15.8	+-	12.2	+-
TRANSIT DOSE = 3.8 +- .4 ; 1.6						

KEWAUNEE/PT. BEACH
FOR THE PERIOD 840612-841019

TLV DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.0 \pm 1.0	2
11.25-33.75 (NNE)	13.7 \pm 1.0	3
33.75-56.25 (NE)	NO DATA \pm NO DATA	0
56.25-78.75 (ENE)	NO DATA \pm NO DATA	0
78.75-101.25 (E)	NO DATA \pm NO DATA	0
101.25-123.75 (ESE)	NO DATA \pm NO DATA	0
123.75-146.25 (SE)	NO DATA \pm NO DATA	0
146.25-168.75 (SSE)	12.2 \pm .0	2
168.75-191.25 (S)	14.7 \pm 2.1	3
191.25-213.75 (SSW)	15.6 \pm 2.6	3
213.75-236.25 (SW)	16.0 \pm 1.0	3
236.25-258.75 (WSW)	14.9 \pm 1.1	4
258.75-281.25 (W)	15.4 \pm .3	3
281.25-303.75 (WNW)	15.5 \pm .8	6
303.75-326.25 (NW)	15.3 \pm 1.0	5
326.25-348.75 (NNW)	15.1 \pm .6	6

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.2 \pm 1.1	18
2-5	15.0 \pm 1.3	15
>5	14.5 \pm 1.8	7
UPWIND CONTROL DATA	13.0 \pm .7	3

LACROSSE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840612-841019 130 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.)	(mi.)	+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.		
001	5/	20.	18.3 +- .5	2.7	14.5 +- .7	0.1	
002	5/	20.	17.2 +- .5	2.6	13.5 +- .6	0.0	
003	3/	20.	17.6 +- .5	2.6	13.9 +- .6	0.1	
004	343	3.0	MISSING OR DAMAGED DOSIMETER				
005	313	3.0	23.6 +- .7	3.5	19.8 +- .8	0.0	
006	291	3.0	18.9 +- .6	2.8	15.2 +- .7	0.2	
007	261	4.0	20.6 +- .6	3.1	16.8 +- .7	0.4	
008	249	3.2	20.5 +- .6	3.1	16.7 +- .7	0.4	
009	214	5.0	17.1 +- .5	2.5	13.4 +- .6	0.0	
010	171	9.0	16.5 +- .5	2.5	12.8 +- .6	0.0	
011	176	5.1	16.3 +- .5	2.4	12.6 +- .6	0.0	
012	165	4.9	18.4 +- .5	2.0	14.6 +- .7	0.2	
013	138	3.5	16.7 +- .5	2.0	13.9 +- .6	0.0	
014	114	4.2	17.0 +- .5	2.0	13.3 +- .6	0.0	
015	97	3.9	17.1 +- .5	2.0	13.4 +- .6	0.0	
016	94	3.0	18.4 +- .5	2.0	14.7 +- .7	0.2	
017	105	2.0	20.2 +- .5	2.9	16.5 +- .7	0.4	
018	52	1.3	15.9 +- .4	2.4	12.2 +- .6	0.0	
019	16	1.3	16.6 +- .5	2.5	12.9 +- .6	0.0	
020	1	1.0	15.8 +- .4	2.4	12.1 +- .6	0.0	
021	358	0.5	19.3 +- .7	2.9	15.6 +- .7	0.0	
022	180	0.6	23.3 +- .7	3.5	19.4 +- .8	0.0	
023	134	1.7	18.0 +- .6	2.0	15.0 +- .7	0.2	
024	58	0.6	20.3 +- .6	2.9	16.5 +- .7	0.4	
025	59	3.1	18.7 +- .6	2.0	15.0 +- .7	0.2	
026	16	1.3	18.7 +- .6	2.0	14.9 +- .7	0.2	
027	26	5.1	17.0 +- .5	2.7	14.1 +- .6	0.1	
028	25	7.0	16.6 +- .5	2.5	12.9 +- .6	0.0	
029	4	4.0	17.7 +- .5	2.7	14.0 +- .6	0.1	
TRANSIT DOSE =			3.4 +- .4			1.7	

LACROSSE
FOR THE PERIOD 840612-841019

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	13.8 \pm 1.7	3
11.25-33.75 (NNE)	13.7 \pm 1.0	4
33.75-56.25 (NE)	12.2 \pm 0.0	1
56.25-78.75 (ENE)	15.7 \pm 1.1	2
78.75-101.25 (E)	14.1 \pm .9	2
101.25-123.75 (ESE)	14.9 \pm 2.2	2
123.75-146.25 (SE)	14.0 \pm 1.4	2
146.25-168.75 (SSE)	14.6 \pm 0.0	1
168.75-191.25 (S)	15.0 \pm 3.9	3
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	13.4 \pm 0.0	1
236.25-258.75 (WSW)	16.7 \pm 0.0	1
258.75-281.25 (W)	16.8 \pm 0.0	1
281.25-303.75 (WNW)	15.2 \pm 0.0	1
303.75-326.25 (NW)	19.8 \pm 0.0	1
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.0 \pm 2.4	9
2-5	15.0 \pm 2.0	12
>5	13.1 \pm .7	4
UPWIND CONTROL DATA	14.0 \pm .5	3

LA SALLE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841004 114 DAYS
 FIELD TIME 50 DAYS

NRC STATION	LOCATION		GROSS			NET EXPOSURE RATE				
	AZIMUTH/ (deg.)	DIST (mi.)	EXPOSURE (mR)	+ -	Rdm; Tot.	mR/Std. Qtr.	+ -	Rdm; Tot.		
001	302	10.	13.2	+ -	.4	2.0	17.0	+ -	.8	4.0
002	335	4.0	14.0	+ -	.4	2.1	18.5	+ -	.9	4.2
003	343	5.0	12.3	+ -	.4	1.0	15.4	+ -	.8	3.8
004	38	5.5	13.0	+ -	.4	2.0	16.7	+ -	.8	4.0
005	39	4.3	12.0	+ -	.4	1.0	14.9	+ -	.8	3.7
006	27	3.0	13.3	+ -	.4	2.0	17.2	+ -	.8	4.1
007	355	4.1	15.2	+ -	.5	2.3	20.6	+ -	.9	4.5
008	304	4.6	14.6	+ -	.4	2.2	19.6	+ -	.9	4.4
009	292	3.9	14.4	+ -	.4	2.2	19.1	+ -	.9	4.3
010	276	3.7	14.5	+ -	.4	2.2	19.4	+ -	.9	4.3
011	248	4.0	14.7	+ -	.4	2.2	19.6	+ -	.9	4.4
012	227	12.	13.9	+ -	.4	2.1	18.3	+ -	.9	4.2
013	21	10.	15.0	+ -	.4	2.2	20.2	+ -	.9	4.5
014	212	10.	14.4	+ -	.4	2.2	19.2	+ -	.9	4.3
015	212	10.	14.4	+ -	.4	2.2	19.2	+ -	.9	4.3
016	215	4.4	15.4	+ -	.5	2.3	20.9	+ -	.9	4.6
017	204	4.0	14.5	+ -	.4	2.2	19.3	+ -	.9	4.3
018	17	4.0	14.8	+ -	.4	2.2	19.8	+ -	.9	4.4
019	174	6.4	14.1	+ -	.4	2.1	18.7	+ -	.9	4.2
020	158	4.9	14.6	+ -	.4	2.2	19.5	+ -	.9	4.4
021	125	4.2	15.6	+ -	.5	2.3	21.4	+ -	.9	4.6
022	114	3.0	14.1	+ -	.4	2.1	18.6	+ -	.9	4.2
023	97	4.5	15.1	+ -	.5	2.3	20.4	+ -	.9	4.5
024	72	4.7	14.7	+ -	.4	2.2	19.6	+ -	.9	4.4
025	41	2.0	15.1	+ -	.5	2.3	20.5	+ -	.9	4.5
026	13	1.6	13.8	+ -	.4	2.1	18.0	+ -	.8	4.2
027	358	1.5	14.8	+ -	.4	2.2	19.8	+ -	.9	4.4
028	336	1.6	12.9	+ -	.4	1.9	16.5	+ -	.8	4.0
029	310	2.3	12.1	+ -	.4	1.0	15.1	+ -	.8	3.8
030	301	2.0	16.0	+ -	.5	2.4	22.1	+ -	1.0	4.7
031	271	1.7	13.9	+ -	.4	2.1	18.3	+ -	.9	4.2
032	251	1.0	15.3	+ -	.5	2.3	20.7	+ -	.9	4.5
033	227	2.4	15.1	+ -	.5	2.3	20.4	+ -	.9	4.5
034	204	1.7	13.6	+ -	.4	2.0	17.7	+ -	.8	4.1
035	171	1.6	14.3	+ -	.4	2.1	18.9	+ -	.9	4.3
036	153	1.0	14.7	+ -	.4	2.2	19.7	+ -	.9	4.4
037	139	2.1	14.5	+ -	.4	2.2	19.3	+ -	.9	4.3
038	111	1.5	12.6	+ -	.4	1.9	15.9	+ -	.8	3.9
039	271	0.6	13.9	+ -	.4	2.1	18.3	+ -	.9	4.2

TRANSIT DOSE = 3.7 + - .2 ; 1.0

LA SALLE
FOR THE PERIOD 840613-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	20.2 \pm .6	2
11.25-33.75 (NNE)	17.6 \pm .6	2
33.75-56.25 (NE)	17.3 \pm 2.0	3
56.25-78.75 (ENE)	19.6 \pm 0.0	1
78.75-101.25 (E)	20.4 \pm 0.0	1
101.25-123.75 (ESE)	17.2 \pm 1.9	2
123.75-146.25 (SE)	20.3 \pm 1.5	2
146.25-168.75 (SSE)	19.6 \pm .2	2
168.75-191.25 (S)	19.1 \pm .6	3
191.25-213.75 (SSW)	18.5 \pm 1.1	2
213.75-236.25 (SW)	19.9 \pm 1.4	3
236.25-258.75 (WSW)	20.2 \pm .8	2
258.75-281.25 (W)	18.7 \pm .6	3
281.25-303.75 (WNW)	19.4 \pm 2.5	3
303.75-326.25 (NW)	17.3 \pm 3.2	2
326.25-348.75 (NNW)	16.8 \pm 1.6	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	18.9 \pm 1.8	12
2-5	19.1 \pm 1.7	19
>5	17.2 \pm 1.3	5
UPWIND CONTROL DATA	19.5 \pm .6	3

LIMERICK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841004 112 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr.	+ Rdm; Tot.
002	131	17.7	MISSING OR DAMAGED DOSIMETER			
003	88	3.7	22.9	+-	19.8	+-
004	52	3.2	21.7	+-	17.7	+-
005	23	3.5	21.3	+-	17.4	+-
006	8	4.6	24.3	+-	20.3	+-
007	340	7.1	23.7	+-	19.8	+-
008	330	3.6	21.6	+-	17.9	+-
009	313	3.2	21.0	+-	17.9	+-
010	291	4.4	22.7	+-	18.4	+-
011	303	2.9	29.2	+-	24.4	+-
012	314	1.1	21.5	+-	17.7	+-
013	352	1.1	24.3	+-	20.3	+-
014	339	1.1	19.2	+-	15.9	+-
015	47	1.1	22.0	+-	18.0	+-
016	71	2.7	22.0	+-	18.0	+-
017	17	.4	20.2	+-	16.8	+-
018	286	.5	20.0	+-	16.7	+-
019	276	.6	20.0	+-	16.7	+-
020	245	.9	20.0	+-	16.7	+-
021	224	1.1	20.0	+-	16.7	+-
022	202	1.1	20.0	+-	16.7	+-
023	172	1.1	20.0	+-	16.7	+-
024	150	1.1	19.7	+-	16.5	+-
025	132	1.1	24.5	+-	20.5	+-
026	120	1.1	24.3	+-	20.3	+-
027	160	1.1	22.0	+-	18.0	+-
028	91	1.1	MISSING OR DAMAGED DOSIMETER			
029	67	.7	22.1	+-	18.1	+-
030	146	3.4	26.9	+-	22.9	+-
031	150	2.8	23.6	+-	19.7	+-
032	152	7.4	21.7	+-	17.7	+-
033	184	4.3	20.3	+-	16.4	+-
034	201	3.9	21.3	+-	17.4	+-
035	225	5.1	21.2	+-	17.3	+-
036	245	4.2	21.7	+-	17.7	+-
037	266	3.9	19.7	+-	15.8	+-
038	290	15	26.2	+-	22.1	+-
039	290	15	24.7	+-	20.7	+-
040	290	15	25.6	+-	21.6	+-
041	128	3	18.8	+-	15.8	+-
042	111	4.4	23.1	+-	19.2	+-
TRANSIT DOSE = 3.5 +- .4 ; 1.9						

LIMERICK
FOR THE PERIOD 840615-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	20.3 \pm .0	2
11.25-33.75 (NNE)	16.9 \pm .8	2
33.75-56.25 (NE)	17.9 \pm .2	2
56.25-78.75 (ENE)	18.5 \pm .5	2
78.75-101.25 (E)	19.0 \pm 0.0	1
101.25-123.75 (ESE)	19.7 \pm .8	2
123.75-146.25 (SE)	19.5 \pm 4.1	3
146.25-168.75 (SSE)	18.1 \pm 1.7	4
168.75-191.25 (S)	16.6 \pm .2	2
191.25-213.75 (SSW)	18.0 \pm .9	2
213.75-236.25 (SW)	18.2 \pm 1.2	2
236.25-258.75 (WSW)	17.4 \pm .5	2
258.75-281.25 (W)	16.2 \pm .5	2
281.25-303.75 (WNW)	20.0 \pm 4.7	3
303.75-326.25 (NW)	17.7 \pm .2	2
326.25-348.75 (NNW)	17.8 \pm 2.2	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.8 \pm 1.7	16
2-5	18.6 \pm 2.5	17
>5	18.3 \pm 1.3	3
UPWIND CONTROL DATA	21.5 \pm .7	3

MAINE YANKEE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841009 117 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.)	(mi.)	+ Rdm; Tot.		mR/Std. Qtr.	+ Rdm; Tot.		
002	6	1.4	MISSING OR DAMAGED DOSIMETER					
003	23	1.5	22.5	+- .7	3.4	17.9	+- .00	0.0
004	44	1.0	20.9	+- .6	3.1	16.4	+- .00	0.0
005	116	.5	22.6	+- .7	3.4	18.0	+- .00	0.0
006	168	1	21.4	+- .6	3.2	16.8	+- .00	0.0
007	185	1.6	19.5	+- .6	2.9	15.0	+- .7	3.4
008	195	2.0	MISSING OR DAMAGED DOSIMETER					
009	209	3.0	21.6	+- .6	3.2	17.0	+- .00	0.0
010	310	1.7	20.6	+- .6	3.1	16.1	+- .7	0.0
011	290	1.0	23.6	+- .7	3.5	19.0	+- .00	0.0
012	275	1.7	22.0	+- .7	3.4	18.2	+- .00	0.0
013	256	1.9	22.2	+- .7	3.3	17.6	+- .00	0.0
014	232	2.0	22.0	+- .7	3.3	17.4	+- .00	0.0
015	227	5.0	23.5	+- .7	3.5	18.0	+- .00	0.0
016	246	4.4	25.5	+- .00	3.0	20.0	+- .9	4.4
017	250	6.0	26.4	+- .00	4.0	21.6	+- .9	4.4
018	268	4.7	21.7	+- .6	3.2	17.1	+- .00	0.0
019	283	4.4	22.6	+- .7	3.4	18.0	+- .00	0.0
020	305	4.7	21.5	+- .6	3.2	16.9	+- .00	0.0
021	300	2.9	22.0	+- .7	3.4	18.1	+- .00	0.0
022	332	2.7	24.7	+- .7	3.7	20.0	+- .00	4.1
023	20	3.9	22.3	+- .7	3.3	17.7	+- .00	0.0
024	23	3	24.3	+- .7	3.6	19.6	+- .00	4.4
025	42	4.7	22.7	+- .7	3.4	18.1	+- .00	0.0
026	60	15	21.2	+- .6	3.2	16.6	+- .00	0.0
027	62	16	19.7	+- .6	2.9	15.1	+- .7	0.0
028	63	16	20.1	+- .6	3.0	15.5	+- .7	0.0
029	64	2.1	24.3	+- .7	3.6	19.6	+- .00	4.4
030	84	1.5	22.5	+- .7	3.4	17.9	+- .00	0.0
031	115	1.6	21.4	+- .6	3.2	16.8	+- .00	0.0
032	135	2	20.4	+- .6	3.1	15.9	+- .7	0.0
033	66	3.0	21.4	+- .6	3.2	16.8	+- .00	0.0
034	97	4.9	21.6	+- .6	3.2	17.0	+- .00	0.0
035	123	4.0	22.0	+- .7	3.4	18.1	+- .00	0.0
036	140	4.9	22.0	+- .7	3.4	17.4	+- .00	0.0
037	151	6	21.1	+- .6	3.0	16.5	+- .00	0.0
038	152	4.2	21.6	+- .6	3.2	17.0	+- .00	0.0
039	172	4.9	20.0	+- .6	3.1	16.1	+- .00	0.0
040	156	7.4	21.3	+- .6	3.2	16.7	+- .00	0.0
TRANSIT DOSE = 4.0 +- .5			; 2.0					

MAINE YANKEE
FOR THE PERIOD 840615-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	18.4 \pm 1.1	3
33.75-56.25 (NE)	17.2 \pm 1.2	2
56.25-78.75 (ENE)	18.2 \pm 2.0	2
78.75-101.25 (E)	17.4 \pm .8	2
101.25-123.75 (ESE)	17.8 \pm .7	3
123.75-146.25 (SE)	16.8 \pm 1.1	2
146.25-168.75 (SSE)	16.8 \pm .2	4
168.75-191.25 (S)	15.6 \pm .9	2
191.25-213.75 (SSW)	17.0 \pm 0.0	1
213.75-236.25 (SW)	18.1 \pm 1.0	2
236.25-258.75 (WSW)	20.0 \pm 2.1	3
258.75-281.25 (W)	17.8 \pm .8	2
281.25-303.75 (WNW)	18.4 \pm .5	3
303.75-326.25 (NW)	16.5 \pm .8	2
326.25-348.75 (NNW)	20.0 \pm 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.1 \pm 1.2	12
2-5	17.9 \pm 1.3	18
>5	18.4 \pm 2.4	4
UPWIND CONTROL DATA	15.8 \pm .8	3

MCGUIRE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840709-841003 87 DAYS
 FIELD TIME 72 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE			
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.			
001	97	0.5	18.4	+- .6	17.7	+- .9	4.1	
002	323	1.6	21.2	+- .6	21.2	+- .9	4.5	
003	336	1.7	22.3	+- .7	22.6	+- 1.0	4.7	
004	303	2.9	21.4	+- .6	21.5	+- 1.0	4.6	
005	321	3.9	21.1	+- .6	21.1	+- .9	4.5	
006	334	3.7	22.5	+- .7	22.8	+- 1.0	4.8	
007	352	3.5	23.4	+- .7	24.0	+- 1.0	4.9	
008	287	2.0	24.0	+- .7	24.7	+- 1.0	5.0	
009	273	1.9	21.4	+- .6	21.4	+- 1.0	4.6	
010	244	1.7	20.4	+- .6	20.2	+- .9	4.4	
011	225	2.1	19.6	+- .6	19.2	+- .9	4.3	
012	212	3.6	22.9	+- .7	23.3	+- 1.0	4.8	
013	232	4.4	26.7	+- .8	28.1	+- 1.1	5.5	
014	253	3.7	26.9	+- .8	28.3	+- 1.1	5.5	
015	261	4.2	20.1	+- .6	19.9	+- .9	4.4	
016	288	4.3	25.6	+- .8	26.7	+- 1.1	5.3	
017	288	16.	MISSING OR DAMAGED DOSIMETER					
018	287	2.0	25.9	+- .8	27.1	+- 1.1	5.3	
019	286	16.	26.5	+- .8	27.9	+- 1.1	5.4	
020	233	17.	25.2	+- .8	26.2	+- 1.1	5.2	
021	204	10.	21.8	+- .7	22.0	+- 1.0	4.7	
022	239	9.5	22.3	+- .7	22.6	+- 1.0	4.7	
023	115	4.9	19.1	+- .6	18.6	+- .9	4.2	
024	132	4.9	20.7	+- .6	20.6	+- .9	4.5	
025	156	4.0	16.9	+- .5	15.9	+- .8	3.9	
026	175	3.7	19.8	+- .6	19.4	+- .9	4.3	
027	198	4.0	22.4	+- .7	22.7	+- 1.0	4.8	
028	169	12.	19.7	+- .6	19.4	+- .9	4.3	
029	155	12.	21.3	+- .6	21.3	+- .9	4.6	
030	146	13.	12.3	+- .4	10.1	+- .7	3.2	
031	143	1.9	13.4	+- .4	11.4	+- .7	3.4	
032	155	1.3	13.7	+- .4	11.8	+- .7	3.4	
033	178	1.6	13.3	+- .4	11.3	+- .7	3.3	
034	108	2.0	14.2	+- .4	12.5	+- .7	3.5	
035	93	2.2	15.3	+- .5	13.8	+- .8	3.6	
036	68	2.5	13.8	+- .4	11.9	+- .7	3.4	
037	82	4.7	14.4	+- .4	12.7	+- .7	3.5	
038	64	4.9	14.2	+- .4	12.5	+- .7	3.5	
039	42	5.0	17.0	+- .5	16.0	+- .8	3.9	
040	26	4.3	14.5	+- .4	12.8	+- .7	3.5	
041	42	2.0	12.4	+- .4	10.2	+- .7	3.2	
042	21	1.6	17.5	+- .5	16.6	+- .8	4.0	
043	8	2.6	16.8	+- .5	15.7	+- .8	3.9	
044	37/	13.	22.0	+- .7	22.2	+- 1.0	4.7	
045	78/	10.	21.0	+- .6	21.0	+- .9	4.5	
046	94/	10.	18.4	+- .6	17.7	+- .9	4.1	
TRANSIT DOSE =		4.2	+- .4	1.8				

MCGUIRE
FOR THE PERIOD 840709-841003

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	19.8 \pm 5.8	2
11.25-33.75 (NNE)	14.7 \pm 2.7	2
33.75-56.25 (NE)	16.2 \pm 6.0	3
56.25-78.75 (ENE)	15.1 \pm 5.1	3
78.75-101.25 (E)	15.5 \pm 2.6	4
101.25-123.75 (ESE)	15.5 \pm 4.3	2
123.75-146.25 (SE)	14.1 \pm 5.7	3
146.25-168.75 (SSE)	16.3 \pm 4.8	3
168.75-191.25 (S)	16.7 \pm 4.7	3
191.25-213.75 (SSW)	22.7 \pm .7	3
213.75-236.25 (SW)	24.5 \pm 4.7	3
236.25-258.75 (WSW)	23.7 \pm 4.1	3
258.75-281.25 (W)	20.7 \pm 1.1	2
281.25-303.75 (WNW)	24.3 \pm 2.6	3
303.75-326.25 (NW)	21.1 \pm .1	2
326.25-348.75 (NNW)	22.7 \pm .2	2

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.8 \pm 5.2	12
2-5	19.4 \pm 5.1	22
>5	20.3 \pm 4.5	9
UPWIND CONTROL DATA	27.5 \pm .8	2

MILLSTONE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841010 118 DAYS
 FIELD TIME 97 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	- Tot	mR/Std. Dtr.	+ Rdm; Tot
001	0	1	22	0	11	+
002	24	1.1	19	1	11	+
003	47	1.1	20	0	11	+
004	60	1.1	21	0	11	+
005	85	1.1	22	0	11	+
006	110	1.1	21	0	11	+
007	135	1.1	20	0	11	+
008	149	1.1	20	0	11	+
009	164	1.1	20	0	11	+
011	180	1.1	20	0	11	+
012	195	1.1	20	0	11	+
013	210	1.1	20	0	11	+
014	225	1.1	20	0	11	+
015	240	1.1	20	0	11	+
016	255	1.1	20	0	11	+
017	270	1.1	20	0	11	+
018	285	1.1	20	0	11	+
019	300	1.1	20	0	11	+
020	315	1.1	20	0	11	+
021	330	1.1	20	0	11	+
022	345	1.1	20	0	11	+
023	360	1.1	20	0	11	+
024	0	1.1	20	0	11	+
025	15	1.1	20	0	11	+
026	30	1.1	20	0	11	+
027	45	1.1	20	0	11	+
028	60	1.1	20	0	11	+
029	75	1.1	20	0	11	+
030	90	1.1	20	0	11	+
031	105	1.1	20	0	11	+
032	120	1.1	20	0	11	+
033	135	1.1	20	0	11	+
034	150	1.1	20	0	11	+
035	165	1.1	20	0	11	+
036	180	1.1	20	0	11	+
037	195	1.1	20	0	11	+
038	210	1.1	20	0	11	+
039	225	1.1	20	0	11	+
040	240	1.1	20	0	11	+
041	255	1.1	20	0	11	+
042	270	1.1	20	0	11	+
043	285	1.1	20	0	11	+
044	300	1.1	20	0	11	+
045	315	1.1	20	0	11	+
046	330	1.1	20	0	11	+
047	345	1.1	20	0	11	+
048	360	1.1	20	0	11	+
049	0	1.1	20	0	11	+

TRANSIT DOSE = 2.0 +- .4

.....
 OR DAMAGED DOSIMETER

MILLSTONE
FOR THE PERIOD 840615-841010

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.9 \pm .9	4
11.25-33.75 (NNE)	17.8 \pm 2.4	3
33.75-56.25 (NE)	20.4 \pm 3.7	6
56.25-78.75 (ENE)	18.9 \pm 1.3	3
78.75-101.25 (E)	18.3 \pm .5	4
101.25-123.75 (ESE)	17.6 \pm 0.0	1
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	16.5 \pm 0.0	1
236.25-258.75 (WSW)	20.1 \pm 2.0	2
258.75-281.25 (W)	19.5 \pm 4.2	3
281.25-303.75 (WNW)	20.3 \pm 1.5	2
303.75-326.25 (NW)	18.2 \pm 0.0	1
326.25-348.75 (NNW)	20.7 \pm .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	18.2 \pm 1.4	9
2-5	19.5 \pm 1.6	13
>5	19.8 \pm 3.3	10
UPWIND CONTROL DATA	24.4 \pm 1.0	2

MONTICELLO
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841012 121 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	- Tot	mR/Std. Rdm	Qtr. Tot
001	133	3.6	21.9	+	17	+
002	163	4.0	11.0	+	17	+
003	183	4.1	22.4	+	10	+
004	206	4.3	19.9	+	10	+
005	230	4.3	33.4	+	9	+
006	253	4.6	23.3	+	9	+
007	269	4.4	11.7	+	7	+
008	286	4.0	33.2	+	9	+
009	274	1.9	10.9	+	7	+
010	244	1.3	10.9	+	4	+
011	226	0.9	11.1	+	4	+
012	181	1.0	11.0	+	4	+
013	137	1.7	11.6	+	4	+
014	155	1.0	11.2	+	4	+
015	208	0.5	11.4	+	4	+
016	284	2.0	11.4	+	4	+
017	113	1.1	11.0	+	4	+
018	85	1.1	11.0	+	4	+
019	63	1.1	11.0	+	4	+
020	77	1.1	10.3	+	4	+
021	23	0.9	11.4	+	4	+
022	33	0.7	11.4	+	4	+
023	35	0.7	11.4	+	4	+
024	38	1.1	11.4	+	4	+
025	39	4.4	11.4	+	4	+
026	40	4.4	11.4	+	4	+
027	44	4.4	11.4	+	4	+
028	43	4.4	11.4	+	4	+
029	50	4.4	11.4	+	4	+
030	77	3.3	11.4	+	4	+
031	115	4.3	11.4	+	4	+
032	90	4.6	MISSING	OR	DAMAGED	DOSIMETER
033	33	1.5	11.4	+	4	+
034	33	1.5	11.4	+	4	+
035	33	1.5	11.4	+	4	+
TRANSIT DIST	4.0	+	1.9			

MONTICELLO
FOR THE PERIOD 840614-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.0 \pm .2	2
11.25-33.75 (NNE)	16.7 \pm 1.6	2
33.75-56.25 (NE)	16.3 \pm .3	2
56.25-78.75 (ENE)	17.4 \pm .8	2
78.75-101.25 (E)	16.7 \pm 0.0	1
101.25-123.75 (ESE)	17.4 \pm .8	2
123.75-146.25 (SE)	17.5 \pm .2	2
146.25-168.75 (SSE)	17.1 \pm .2	2
168.75-191.25 (S)	17.5 \pm 1.0	2
191.25-213.75 (SSW)	15.8 \pm .3	2
213.75-236.25 (SW)	17.6 \pm 2.3	2
236.25-258.75 (WSW)	16.4 \pm 2.4	2
258.75-281.25 (W)	17.1 \pm .5	2
281.25-303.75 (WNW)	18.1 \pm 1.3	2
303.75-326.25 (NW)	16.8 \pm .5	2
326.25-348.75 (NNW)	17.0 \pm 1.2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.8 \pm .8	16
2-5	17.4 \pm 1.1	15
>5	NO DATA \pm NO DATA	0
UPWIND CONTROL DATA	16.7 \pm .7	3

NORTH ANNA
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841010 118 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr.	+ Rdm; Tot.
001	243	1.0	20.9	+	1.0	4.3
002	263	1.6	20.2	+	1.0	4.0
003	296	1	20.3	+	1.0	4.0
004	311	1.3	20.3	+	1.0	4.0
005	329	1.1	20.1	+	1.0	4.0
006	231	3.0	20.9	+	1.0	4.0
007	224	1.7	24.9	+	1.0	4.0
008	210	1.1	22.7	+	1.0	3.9
009	181	1.4	20.9	+	1.0	3.7
010	155	1.1	29.4	+	1.0	4.0
011	136	1.1	23.8	+	1.0	3.9
012	163	3.3	25.3	+	1.0	4.0
013	198	3.3	21.7	+	1.0	3.8
014	205	4.4	22.7	+	1.0	3.9
015	140	4.2	24.2	+	1.0	4.1
016	113	4.4	28.8	+	1.0	4.7
017	93	3.3	21.8	+	1.0	3.8
018	64	4.1	24.7	+	1.0	4.2
019	78	2.7	31.7	+	1.0	5.1
020	97	1.9	23.3	+	1.0	4.2
021	105	1.7	21.6	+	1.0	3.8
022	60	2.4	24.2	+	1.0	4.1
023	37	1.4	24.8	+	1.0	4.4
024	16	1.1	28.6	+	1.0	4.7
025	48	3.3	28.6	+	1.0	3.8
026	17	3.3	24.8	+	1.0	4.4
027	3	4.0	22.5	+	1.0	3.7
028	348	4	21.1	+	1.0	3.7
029	2	1.9	21.8	+	1.0	3.7
030	284	5	22.8	+	1.0	3.8
031	310	4.7	24.8	+	1.0	4.4
032	273	4.9	17.7	+	1.0	3.6
033	257	5.1	23.7	+	1.0	4.0
034	242	7.1	25.6	+	1.0	4.0
035	255	11.	23.9	+	1.0	4.1
036	248	15.	24.6	+	1.0	4.1
037	247	17.	24.2	+	1.0	4.1
038	244	19.	20.6	+	1.0	3.7

TRANSIT DOSE = 4.6 +- .5 ; 2.1

NORTH ANNA
FOR THE PERIOD 840615-841010

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.8 \pm 1.0	2
11.25-33.75 (NNE)	21.7 \pm 2.6	2
33.75-56.25 (NE)	17.7 \pm 2.9	2
56.25-78.75 (ENE)	21.8 \pm 4.1	3
78.75-101.25 (E)	18.6 \pm 2.4	2
101.25-123.75 (ESE)	20.2 \pm 5.0	2
123.75-146.25 (SE)	18.6 \pm .8	2
146.25-168.75 (SSE)	22.3 \pm 2.8	2
168.75-191.25 (S)	16.4 \pm .6	2
191.25-213.75 (SSW)	17.7 \pm .0	2
213.75-236.25 (SW)	20.4 \pm .7	2
236.25-258.75 (WSW)	19.8 \pm 1.1	4
258.75-281.25 (W)	15.5 \pm 3.8	2
281.25-303.75 (WNW)	17.7 \pm .9	2
303.75-326.25 (NW)	21.5 \pm 2.4	2
326.25-348.75 (NNW)	18.1 \pm 2.8	2

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	19.5 \pm 2.6	15
2-5	18.8 \pm 3.2	17
>5	19.4 \pm 1.0	3
UPWIND CONTROL DATA	18.2 \pm 2.2	3

OCCONEE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841025 133 DAYS
 FIELD TIME 100 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.	
0001	158	7.5	29.1	4.4	24.5	4.3	
0002	133	4.9	30.3	4.5	25.6	4.5	
0003	119	4.9	MISSING OR DAMAGED DOSIMETER				
0004	84	4.7	30.2	4.5	25.5	4.5	
0005	65	4.6	30.0	4.5	25.4	4.4	
0006	52	1.6	27.0	4.4	22.6	4.1	
0007	22	3.5	29.3	4.4	24.7	4.4	
0008	33	1.4	MISSING OR DAMAGED DOSIMETER				
0009	52	1.6	24.6	3.7	20.8	3.6	
0010	66	1.2	20.1	3.6	16.4	3.3	
0011	107	1.9	23.0	3.6	19.4	3.7	
0012	87	1.9	27.0	4.4	22.6	4.1	
0013	142	0.7	27.0	4.4	22.6	4.1	
0014	166	0.7	21.2	3.6	17.4	3.4	
0015	226	1.7	26.4	4.4	22.1	4.0	
0016	207	1.4	26.1	4.4	21.9	4.0	
0017	162	2.2	23.6	4.4	19.0	3.7	
0018	186	3.0	22.7	4.4	18.3	3.6	
0019	155	4.1	29.2	4.4	24.8	4.3	
0020	203	3.4	22.0	4.4	17.6	3.6	
0021	219	4.4	26.2	4.4	21.8	4.1	
0022	227	4.6	26.1	4.4	21.7	4.1	
0023	240	3.6	26.9	4.4	22.5	4.1	
0024	266	3.6	26.0	4.4	21.6	4.1	
0025	257	1.9	22.1	3.6	18.5	3.6	
0026	293	3.3	26.0	4.4	21.6	4.1	
0027	311	3.5	21.7	3.6	18.1	3.6	
0028	288	2.6	24.4	3.6	20.8	3.6	
0029	275	1.1	24.0	3.6	20.4	3.7	
0030	321	1.1	26.0	3.6	22.4	4.1	
0031	344	2.2	21.5	3.6	17.9	3.4	
0032	336	3.7	20.9	4.4	16.5	3.6	
0033	350	4.5	24.1	3.6	20.5	3.7	
0034	256	9.4	MISSING OR DAMAGED DOSIMETER				
0035	149	2.1	20.0	4.4	15.6	4.0	
0036	126	0.6	29.0	4.4	24.6	4.4	
0037	96	9.7	29.3	4.4	24.7	4.4	
0038	32	15.	37.0	1.1	35.9	4.4	
0039	31	15.	31.0	4.4	26.6	4.6	
040	29	15.	31.4	4.4	27.0	4.6	

TRANSIT DOSE = 1.8 +- .4 ; 2.0

OCONEE
FOR THE PERIOD 840615-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	20.1 \pm 0.0	1
11.25-33.75 (NNE)	24.7 \pm 0.0	1
33.75-56.25 (NE)	21.8 \pm 1.9	2
56.25-78.75 (ENE)	20.9 \pm 6.3	2
79.75-101.25 (E)	24.3 \pm 1.5	3
101.25-123.75 (ESE)	19.8 \pm 0.0	1
123.75-146.25 (SE)	24.7 \pm 1.2	3
146.25-168.75 (SSE)	22.7 \pm 3.5	4
168.75-191.25 (S)	19.2 \pm .6	2
191.25-213.75 (SSW)	20.9 \pm 1.7	3
213.75-236.25 (SW)	21.9 \pm .2	2
236.25-258.75 (WSW)	20.4 \pm 3.0	2
258.75-281.25 (W)	22.1 \pm 3.0	2
281.25-303.75 (WNW)	21.0 \pm 1.1	2
303.75-326.25 (NW)	19.8 \pm 2.7	2
326.25-348.75 (NNW)	21.9 \pm 6.0	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	20.4 \pm 2.2	14
2-5	22.7 \pm 2.7	15
>5	23.5 \pm 2.6	5
UPWIND CONTROL DATA	28.4 \pm 3.1	3

OYSTER CREEK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840703-841025 115 DAYS
 FIELD TIME 97 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.
001	141	.5	12.4	1.9	9.7	2.3
002	120	.9	MISSING OR DAMAGED DOSIMETER			
003	105	1.5	16.7	2.5	13.6	2.8
004	127	1.5	12.8	1.9	10.1	2.3
005	137	1.3	MISSING OR DAMAGED DOSIMETER			
006	158	1.2	13.0	2.0	10.2	2.4
007	176	2.2	12.8	1.9	10.0	2.3
008	179	1.6	12.2	1.8	9.5	2.3
009	159	2.8	11.1	1.7	8.5	2.2
010	187	0.4	12.3	1.8	9.6	2.3
011	173	4.4	14.7	2.2	11.8	2.6
012	196	4.2	16.5	2.5	13.4	2.8
013	198	0.6	12.5	1.9	9.8	2.3
014	185	10.	17.7	2.7	14.6	2.9
015	171	10.	13.3	2.0	10.5	2.4
016	154	0.2	11.7	1.8	9.8	2.2
017	126	6.3	15.0	2.3	12.1	2.6
018	220	4.6	12.6	1.9	9.8	2.3
019	231	5.3	13.1	2.0	10.3	2.4
020	211	1.6	11.8	1.8	9.1	2.2
022	258	1.5	12.3	1.8	9.6	2.3
023	271	1.2	12.9	1.9	10.1	2.4
024	297	1.3	14.3	2.1	11.5	2.5
025	318	1.5	12.5	1.9	9.7	2.3
026	341	3.2	14.0	2.1	11.2	2.5
027	330	4.6	13.8	2.1	10.9	2.5
028	358	3.2	12.7	1.9	10.0	2.3
029	4	1.8	13.1	2.0	10.3	2.4
030	19	.8	15.3	2.3	12.3	2.6
031	69	1.4	12.5	1.9	9.7	2.3
032	78	2.5	12.6	1.9	9.8	2.3
033	85	2.2	MISSING OR DAMAGED DOSIMETER			
034	38	1.7	12.8	1.9	10.1	2.3
035	24	1.9	14.1	2.1	11.3	2.5
036	50	3	20.7	3.1	17.4	3.3
037	46	4.8	17.2	2.6	14.1	2.8
038	27	4	13.2	2.0	10.4	2.4
039	12	8.9	MISSING OR DAMAGED DOSIMETER			
040	10	8.7	14.1	2.1	11.3	2.5
041	3	9.9	12.8	1.9	10.0	2.3
042	38	10.	14.3	2.1	11.4	2.5
043	46	9.1	17.5	2.6	14.4	2.9
044	73	6.5	12.2	1.8	9.5	2.3
045	79	6	16.6	2.5	13.5	2.8
046	278	20.	15.5	2.3	12.5	2.6
047	278	20.	14.6	2.2	11.7	2.5
TRANSIT DOSE =			2.0	1.7		

OYSTER CREEK
FOR THE PERIOD 840703-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	10.4 \pm .6	4
11.25-33.75 (NNE)	11.3 \pm 1.0	3
33.75-56.25 (NE)	13.5 \pm 2.9	5
56.25-78.75 (ENE)	9.7 \pm .2	3
78.75-101.25 (E)	13.5 \pm 0.0	1
101.25-123.75 (ESE)	13.6 \pm 0.0	1
123.75-146.25 (SE)	10.6 \pm 1.3	3
146.25-168.75 (SSE)	9.3 \pm .9	3
168.75-191.25 (S)	11.0 \pm 2.0	6
191.25-213.75 (SSW)	10.8 \pm 2.3	3
213.75-236.25 (SW)	10.1 \pm .3	2
236.25-258.75 (WSW)	9.6 \pm 0.0	1
258.75-281.25 (W)	10.1 \pm 0.0	1
281.25-303.75 (WNW)	11.5 \pm 0.0	1
303.75-326.25 (NW)	9.7 \pm 0.0	1
326.25-348.75 (NNW)	11.1 \pm .2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	10.4 \pm 1.2	15
2-5	11.5 \pm 2.5	12
>5	11.2 \pm 1.9	13
UPWIND CONTROL DATA	12.1 \pm .6	2

PALISADES
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840613-841012 122 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS			NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	EXPOSURE (mR)	+ -	Rdm; Tot.	mR/Std. Qtr.	+ -	Rdm; Tot.
001	195	4.9	17.1	+ -	.5	2.6	NO	NET DATA
002	173	4.6	18.5	+ -	.6	2.8	NO	NET DATA
003	156	3.9	18.6	+ -	.6	2.8	NO	NET DATA
004	132	4.6	18.1	+ -	.5	2.7	NO	NET DATA
005	118	3.3	18.9	+ -	.6	2.8	NO	NET DATA
006	152	1.8	17.9	+ -	.5	2.7	NO	NET DATA
007	196	2.2	17.7	+ -	.5	2.6	NO	NET DATA
008	178	1.6	17.4	+ -	.5	2.6	NO	NET DATA
009	200	0.9	17.2	+ -	.5	2.6	NO	NET DATA
010	124	1.8	18.5	+ -	.6	2.8	NO	NET DATA
011	107	1.6	18.4	+ -	.6	2.8	NO	NET DATA
012	90	1.5	17.6	+ -	.5	2.6	NO	NET DATA
013	65	1.7	17.8	+ -	.5	2.7	NO	NET DATA
014	51	1.9	17.3	+ -	.5	2.6	NO	NET DATA
015	74	3.7	17.3	+ -	.5	2.6	NO	NET DATA
016	90	3.6	17.3	+ -	.5	2.6	NO	NET DATA
017	98/	10.	20.2	+ -	.6	3.0	NO	NET DATA
018	47	4.5	21.2	+ -	.6	3.2	NO	NET DATA
019	23	1.5	18.3	+ -	.5	2.7	NO	NET DATA
020	32	4.8	20.1	+ -	.6	3.0	NO	NET DATA
021	29	7.0	19.6	+ -	.6	2.9	NO	NET DATA
022	99/	15.	20.8	+ -	.6	3.1	NO	NET DATA
023	98/	18.	19.3	+ -	.6	2.9	NO	NET DATA
024	98/	18.	19.6	+ -	.6	2.9	NO	NET DATA

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

PALISADES
FOR THE PERIOD 840613-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	14.3 \pm .7	3
33.75-56.25 (NE)	14.2 \pm 2.0	2
56.25-78.75 (ENE)	12.9 \pm .3	2
78.75-101.25 (E)	13.5 \pm 1.2	3
101.25-123.75 (ESE)	13.8 \pm .3	2
123.75-146.25 (SE)	13.5 \pm .2	2
146.25-168.75 (SSE)	13.4 \pm .4	2
168.75-191.25 (S)	13.2 \pm .6	2
191.25-213.75 (SSW)	12.8 \pm .2	3
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	13.1 \pm .4	9
2-5	13.6 \pm 1.0	10
>5	14.7 \pm .3	2
UPWIND CONTROL DATA	14.6 \pm .6	3

PALO VERDE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840612-841009 120 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE				
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.			mR/Std. Dev. + Rdm; Tot.				
001	74	23.	24.3	+-	.7	3.6	20.9	+-	.00	4.1
002	92	21.	24.3	+-	.7	3.6	20.9	+-	.00	4.1
003	89	15.	23.9	+-	.7	3.6	20.5	+-	.00	4.0
004	103	11.	24.2	+-	.7	3.6	20.8	+-	.00	4.0
005	140	7.4	24.5	+-	.7	3.7	21.1	+-	.00	4.1
006	142	3.1	25.3	+-	.8	3.8	21.9	+-	.9	4.2
007	162	2.6	25.7	+-	.8	3.9	22.3	+-	.9	4.2
008	168	2.6	24.9	+-	.7	3.7	21.5	+-	.9	4.1
009	193	2.6	27.1	+-	.8	4.1	23.6	+-	.9	4.4
010	215	3.1	26.6	+-	.8	4.0	23.2	+-	.9	4.4
011	200	1.7	27.8	+-	.8	4.0	23.5	+-	.9	4.4
012	214	1.0	25.2	+-	.8	3.8	21.7	+-	.9	4.2
013	242	0.7	27.8	+-	.8	4.2	24.3	+-	.9	4.5
014	263	0.6	25.4	+-	.8	3.8	22.8	+-	.9	4.2
015	295	0.6	27.6	+-	.8	4.1	24.1	+-	.9	4.5
016	325	1.0	26.8	+-	.8	4.0	23.4	+-	.9	4.4
017	347	1.0	26.1	+-	.8	3.9	22.7	+-	.9	4.3
018	0	2.4	28.6	+-	.9	4.3	25.1	+-	.9	4.6
019	10	1.5	25.8	+-	.8	3.9	22.3	+-	.9	4.2
020	37	2.0	25.8	+-	.8	3.9	22.3	+-	.9	4.2
021	58	2.0	27.9	+-	.8	4.2	24.4	+-	.9	4.5
022	75	2.0	27.6	+-	.8	4.1	24.1	+-	.9	4.5
023	93	4.4	25.1	+-	.8	3.8	21.7	+-	.9	4.2
024	101	3.0	25.4	+-	.8	3.8	22.8	+-	.9	4.2
025	146	2.9	25.9	+-	.8	3.9	22.5	+-	.9	4.3
026	134	4.0	28.5	+-	.9	4.3	25.8	+-	.9	4.6
027	133	7.9	28.4	+-	.9	4.3	24.9	+-	.9	4.6
028	0	7.0	27.3	+-	.8	4.1	23.8	+-	.9	4.4
029	9	4.2	27.7	+-	.8	4.1	24.2	+-	.9	4.5
030	27	3.6	28.8	+-	.8	4.2	24.5	+-	.9	4.5
031	49	3.5	28.2	+-	.8	4.2	24.7	+-	.9	4.6
032	120	3.3	28.2	+-	.8	4.2	24.7	+-	.9	4.6
TRANSIT DOSE =			2.9	+-	.5	;	2.0			

PALO VERDE
FOR THE PERIOD 840612-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	24.4 \pm .7	3
11.25-33.75 (NNE)	23.4 \pm 1.5	2
33.75-56.25 (NE)	23.5 \pm 1.7	2
56.25-78.75 (ENE)	24.3 \pm .2	2
78.75-101.25 (E)	21.8 \pm .2	2
101.25-123.75 (ESE)	22.7 \pm 2.8	2
123.75-146.25 (SE)	21.5 \pm .6	2
146.25-168.75 (SSE)	21.9 \pm .6	2
168.75-191.25 (S)	NO DATA \pm NO DATA	0
191.25-213.75 (SSW)	23.6 \pm .1	2
213.75-236.25 (SW)	22.5 \pm 1.0	2
236.25-258.75 (WSW)	24.3 \pm 0.0	1
258.75-281.25 (W)	22.0 \pm 0.0	1
281.25-303.75 (WNW)	24.1 \pm 0.0	1
303.75-326.25 (NW)	23.4 \pm 0.0	1
326.25-348.75 (NNW)	23.8 \pm 1.4	4

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	22.9 \pm .9	9
2-5	23.5 \pm 1.3	18
>5	22.7 \pm 2.0	4
UPWIND CONTROL DATA	20.8 \pm .2	3

PEACH BOTTOM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841004 112 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	329	10.	18.5 +- .6	2.8	15.6 +- .7	0.2
002	31	10.	20.4 +- .6	3.1	17.4 +- .7	0.4
003	22	4.7	21.3 +- .6	3.2	18.2 +- .7	0.0
004	4	5	19.2 +- .6	2.9	16.2 +- .7	0.3
005	345	4.1	20.1 +- .6	3.0	17.1 +- .7	0.4
006	9	2.2	21.8 +- .7	3.3	18.7 +- .8	0.6
007	22	2.5	20.9 +- .6	3.1	17.8 +- .7	0.5
008	55	2.9	22.2 +- .7	3.3	19.1 +- .8	0.7
009	45	2	20.5 +- .6	3.1	17.5 +- .7	0.5
010	63	1.7	20.9 +- .6	3.1	17.8 +- .7	0.5
011	97	2	22.6 +- .7	3.4	19.5 +- .8	0.7
012	107	2.3	16.4 +- .5	2.5	13.5 +- .6	0.0
013	72	5	19.2 +- .6	2.9	16.2 +- .7	0.3
014	86	4.6	25.2 +- .8	3.8	22.1 +- .8	4.1
015	110	4.3	22.7 +- .7	3.4	19.6 +- .8	0.7
016	130	4.7	18.2 +- .5	2.7	15.2 +- .7	0.2
017	158	9	20.4 +- .6	3.1	17.4 +- .7	0.4
018	163	4.6	21.1 +- .6	3.2	18.0 +- .7	0.5
019	184	3.9	22.2 +- .7	3.3	19.1 +- .8	0.7
020	203	4.9	21.0 +- .6	3.2	18.0 +- .7	0.5
021	197	2.3	22.0 +- .7	3.3	18.9 +- .8	0.6
022	183	1.7	21.9 +- .7	3.3	18.8 +- .8	0.6
023	190	1.8	26.7 +- .8	4.0	23.5 +- .9	4.3
024	222	1.8	23.2 +- .7	3.5	20.1 +- .8	0.8
025	248	1.7	22.8 +- .7	3.4	19.8 +- .8	0.8
026	268	1.8	22.8 +- .7	3.4	19.7 +- .8	0.8
027	288	1.9	20.1 +- .6	3.0	17.1 +- .7	0.4
028	323	1.8	18.7 +- .6	2.8	15.7 +- .7	0.2
029	286	3.6	24.5 +- .7	3.7	21.4 +- .8	4.0
030	264	4	22.2 +- .7	3.3	19.2 +- .8	0.7
031	262	9.9	25.8 +- .8	3.9	22.6 +- .9	4.1
032	248	3.2	21.8 +- .7	3.3	18.8 +- .8	0.6
033	235	9.4	16.0 +- .5	2.4	13.1 +- .6	0.9
034	319	4.9	23.2 +- .7	3.5	20.1 +- .8	0.8
035	151	.7	21.3 +- .6	3.2	18.2 +- .7	0.6
036	148	16.	16.2 +- .5	2.4	13.3 +- .6	0.9
037	148	16.	18.4 +- .6	2.8	15.4 +- .7	0.2
038	148	16.	17.3 +- .5	2.6	14.3 +- .6	0.1

TRANSIT DOSE = 2.6 +- .4 ; 1.7

PEACH BOTTOM
FOR THE PERIOD 840615-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.5 +- 1.8	2
11.25-33.75 (NNE)	17.8 +- .4	3
33.75-56.25 (NE)	18.3 +- 1.1	2
56.25-78.75 (ENE)	17.0 +- 1.2	2
78.75-101.25 (E)	20.8 +- 1.8	2
101.25-123.75 (ESE)	16.6 +- 4.3	2
123.75-146.25 (SE)	15.2 +- 0.0	1
146.25-168.75 (SSE)	17.9 +- .4	3
168.75-191.25 (S)	20.5 +- 2.6	3
191.25-213.75 (SSW)	18.5 +- .7	2
213.75-236.25 (SW)	16.6 +- 5.0	2
236.25-258.75 (WSW)	19.3 +- .7	2
258.75-281.25 (W)	20.5 +- 1.9	3
281.25-303.75 (WNW)	19.3 +- 3.0	2
303.75-326.25 (NW)	17.9 +- 3.1	2
326.25-348.75 (NNW)	16.3 +- 1.1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	18.9 +- 2.0	11
2-5	18.3 +- 2.0	19
>5	17.2 +- 3.5	5
UPWIND CONTROL DATA	14.3 +- 1.1	3

PERRY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841101 141 DAYS
 FIELD TIME 104 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Dtr. + Rdm; Tot.	
001	72	5.0	18.5	± .6 ; 2.8	12.1	± .6 ; 2.9
003	99	5.5	MISSING OR DAMAGED DOSIMETER			
004	112	6.0	17.8	± .5 ; 2.7	11.5	± .6 ; 2.9
005	130	4.0	17.7	± .5 ; 2.7	11.4	± .6 ; 2.9
006	155	5.0	21.7	± .7 ; 3.3	14.9	± .7 ; 3.3
007	178	5.2	19.9	± .6 ; 3.0	13.3	± .7 ; 3.1
008	205	4.6	20.3	± .6 ; 3.0	13.7	± .7 ; 3.1
009	220	5.2	20.0	± .6 ; 3.0	13.4	± .7 ; 3.1
010	225	7.4	19.8	± .6 ; 3.0	13.2	± .6 ; 3.1
011	240	5.0	20.5	± .6 ; 3.1	13.8	± .7 ; 3.2
012	225	19.	18.7	± .6 ; 2.8	12.3	± .6 ; 3.0
013	225	19.	17.8	± .5 ; 2.7	11.5	± .6 ; 2.9
014	212	12.	23.6	± .7 ; 3.5	16.5	± .7 ; 3.5
015	248	1.4	18.1	± .5 ; 2.7	11.8	± .6 ; 2.9
016	225	0.0	17.0	± .5 ; 2.6	10.8	± .6 ; 2.8
017	205	0.7	MISSING OR DAMAGED DOSIMETER			
018	180	0.0	17.9	± .5 ; 2.7	11.6	± .6 ; 2.9
019	152	1.0	19.7	± .6 ; 3.0	13.2	± .6 ; 3.1
020	123	1.0	17.3	± .5 ; 2.6	11.0	± .6 ; 2.8
021	105	1.4	17.2	± .5 ; 2.6	11.0	± .6 ; 2.8
022	85	1.2	17.0	± .5 ; 2.5	10.8	± .6 ; 2.8
023	65	1.4	19.2	± .6 ; 2.9	12.7	± .6 ; 3.0
024	40	0.6	18.3	± .5 ; 2.7	11.9	± .6 ; 2.9
025	40	0.6	17.0	± .5 ; 2.7	11.5	± .6 ; 2.9
026	102	0.0	18.9	± .6 ; 2.8	12.5	± .6 ; 3.0
027	175	0.0	17.0	± .5 ; 2.7	11.5	± .6 ; 2.9
TRANSIT DOSE = 4.5 ± .5 ; 2.0						

PERRY
FOR THE PERIOD 840614-841101

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	11.7 \pm .3	2
56.25-78.75 (ENE)	12.4 \pm .4	2
78.75-101.25 (E)	10.8 \pm 0.0	1
101.25-123.75 (ESE)	11.2 \pm .3	3
123.75-146.25 (SE)	11.4 \pm 0.0	1
146.25-168.75 (SSE)	14.0 \pm 1.2	2
168.75-191.25 (S)	12.2 \pm .9	4
191.25-213.75 (SSW)	13.7 \pm 0.0	1
213.75-236.25 (SW)	12.5 \pm 1.4	3
236.25-258.75 (WSW)	12.8 \pm 1.4	2
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	11.6 \pm .8	10
2-5	12.7 \pm 1.4	6
>5	13.0 \pm .9	5
UPWIND CONTROL DATA	13.4 \pm 2.7	3

PILGRIM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841017 125 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE				
	AZIMUTH/ (deg.)	DIST (mi.)	+ -	Rdm;	Tot.	mR/Std. Qtr.	+ -	Rdm; Tot.		
001	288	.1	52.5	+-	1.6	7.9	45.3	+- 1.6	8.0	
002	310	.2	26.6	+-	.8	4.0	20.3	+- 1.0	4.5	
005	289	.7	23.9	+-	.7	3.6	17.7	+- .9	4.2	
006	261	1.7	MISSING OR DAMAGED DOSIMETER							
007	270	.5	22.7	+-	.7	3.4	16.5	+- .9	4.1	
008	247	.3	22.2	+-	.7	3.3	16.0	+- .9	4.0	
009	224	.3	22.5	+-	.7	3.4	16.4	+- .9	4.1	
010	205	.3	22.5	+-	.7	3.4	16.3	+- .9	4.1	
011	184	0.3	24.6	+-	.7	3.7	18.3	+- .9	4.3	
012	159	.4	22.7	+-	.7	3.4	16.5	+- .9	4.1	
013	146	.7	20.2	+-	.6	3.0	14.1	+- .8	3.8	
014	155	1	22.0	+-	.7	3.3	15.0	+- .8	4.0	
016	136	1.3	19.4	+-	.6	2.9	13.4	+- .8	3.7	
018	212	.8	44.7	+-	1.3	6.7	37.0	+- 1.4	6.9	
019	232	1	19.4	+-	.6	2.9	13.4	+- .8	3.7	
021	256	1.6	22.5	+-	.7	3.4	16.3	+- .9	4.1	
022	130	2.5	20.0	+-	.6	3.0	13.9	+- .8	3.8	
023	146	3.4	19.0	+-	.6	2.9	13.0	+- .8	3.7	
025	168	1.5	19.8	+-	.6	3.0	13.7	+- .8	3.7	
026	180	1.3	19.1	+-	.6	2.9	13.0	+- .8	3.7	
027	231	1.0	20.4	+-	.6	3.1	14.3	+- .8	3.8	
030	153	2.2	21.9	+-	.7	3.3	15.0	+- .8	4.0	
031	179	2.5	19.3	+-	.6	2.9	13.2	+- .8	3.7	
032	217	2.6	MISSING OR DAMAGED DOSIMETER							
033	234	2.5	19.2	+-	.6	2.9	13.1	+- .8	3.7	
037	264	4.2	22.0	+-	.7	3.4	16.6	+- .9	4.1	
038	152	3.5	19.6	+-	.6	2.9	13.5	+- .8	3.7	
039	155	5.3	18.1	+-	.5	2.7	12.0	+- .8	3.6	
040	272	4.6	20.5	+-	.6	3.1	14.4	+- .8	3.8	
042	201	4.6	19.3	+-	.6	2.9	13.2	+- .8	3.7	
043	291	5.0	21.5	+-	.6	3.2	15.0	+- .8	3.9	
047	301	26.	20.0	+-	.6	3.1	14.7	+- .8	3.8	
048	301	26.	20.3	+-	.6	3.0	14.2	+- .8	3.8	
049	301	26.	20.3	+-	.6	3.0	14.2	+- .8	3.8	

TRANSIT DOSE = 5.6 +- .6 ; 2.5

COMMENTS:

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

PILGRIM
FOR THE PERIOD 840615-841017

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	13.6 \pm .5	4
146.25-168.75 (SSE)	14.6 \pm 1.7	5
168.75-191.25 (S)	14.9 \pm 3.0	3
191.25-213.75 (SSW)	27.1 \pm 15.2	2
213.75-236.25 (SW)	14.3 \pm 1.5	4
236.25-258.75 (WSW)	16.2 \pm .2	2
258.75-281.25 (W)	15.2 \pm 1.7	4
281.25-303.75 (WNW)	26.1 \pm 16.7	3
303.75-326.25 (NW)	20.3 \pm 0.0	1
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	18.6 \pm 8.7	18
2-5	14.1 \pm 1.3	9
>5	13.7 \pm 2.3	2
UPWIND CONTROL DATA	14.4 \pm .3	3

PRAIRIE ISLAND
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841012 121 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	EXPOSURE (mR)		mR/Std. Qtr.	
			+ - Rdm; Tot.		+ - Rdm; Tot.	
001	312	17.	22.8 +- .7	3.4	18.6 +- .8	3.3
002	310	15.	23.1 +- .7	3.5	18.9 +- .8	3.3
003	310	15.	23.2 +- .7	3.5	19.1 +- .8	3.3
004	308	5.5	22.2 +- .7	3.3	18.8 +- .8	3.4
005	297	4.1	20.5 +- .6	3.1	16.4 +- .7	3.4
006	287	1.3	21.8 +- .7	3.3	17.6 +- .8	3.4
007	313	0.8	19.6 +- .6	2.9	15.5 +- .7	3.4
008	244	0.5	21.5 +- .6	2.2	17.4 +- .8	3.4
009	194	0.6	20.2 +- .6	2.9	16.1 +- .7	3.4
010	155	0.5	20.8 +- .6	3.1	16.7 +- .7	3.4
011	129	1.6	20.4 +- .6	3.1	16.3 +- .7	3.4
012	153	1.4	20.5 +- .6	3.1	16.4 +- .7	3.4
013	217	0.6	20.3 +- .6	3.0	16.2 +- .7	3.4
014	178	0.8	19.9 +- .6	3.0	15.8 +- .7	3.4
015	272	1.9	21.1 +- .6	2.2	17.8 +- .8	3.4
016	262	4.6	23.5 +- .7	3.5	19.4 +- .8	3.4
017	250	4.3	22.9 +- .7	3.4	18.7 +- .8	3.4
018	225	4.1	21.8 +- .6	3.1	16.9 +- .7	3.4
019	233	6.7	19.6 +- .6	2.9	15.5 +- .7	3.4
020	200	4.9	24.8 +- .7	3.7	20.6 +- .8	4.1
021	187	4.7	22.2 +- .7	3.3	18.8 +- .8	3.7
022	160	4.4	20.9 +- .6	3.1	16.8 +- .7	3.7
023	140	4.7	21.8 +- .7	3.3	17.7 +- .8	3.7
024	131	6.6	20.6 +- .6	3.1	16.5 +- .7	3.7
025	117	4.9	20.8 +- .6	3.0	15.9 +- .7	3.7
026	88	1.9	21.5 +- .6	2.2	17.4 +- .8	3.7
027	69	1.8	20.2 +- .6	3.0	16.1 +- .7	3.7
028	47	1.6	21.2 +- .6	2.2	17.1 +- .8	3.7
029	19	1.5	19.4 +- .6	2.9	15.3 +- .7	3.7
030	356	1.9	19.7 +- .6	3.0	15.6 +- .7	3.7
031	346	2.4	20.2 +- .6	3.0	16.1 +- .7	3.7
032	340	3.8	22.7 +- .7	3.4	18.8 +- .8	3.7
033	8	4.6	23.5 +- .7	3.5	19.4 +- .8	3.7
034	17	4.7	23.4 +- .7	3.5	19.2 +- .8	3.7
035	45	11.	21.3 +- .6	2.2	17.2 +- .8	3.7
036	48	4.7	23.1 +- .7	3.5	18.9 +- .8	3.7
037	61	4.2	23.2 +- .7	3.5	19.1 +- .8	3.7
038	86	4.9	22.9 +- .7	3.4	18.7 +- .8	3.7
039	107	9.1	20.6 +- .6	3.1	16.5 +- .7	3.7
040	111	3.7	20.7 +- .6	3.1	16.6 +- .7	3.7
TRANSIT DOSE = 3.7 +- .4 ; 1.9						

PRAIRIE ISLAND
FOR THE PERIOD 840614-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.5 \pm 2.6	2
11.25-33.75 (NNE)	17.3 \pm 2.8	2
33.75-56.25 (NE)	17.7 \pm 1.0	3
56.25-78.75 (ENE)	17.6 \pm 2.1	2
78.75-101.25 (E)	18.1 \pm .9	2
101.25-123.75 (ESE)	16.3 \pm .4	3
123.75-146.25 (SE)	16.8 \pm .8	3
146.25-168.75 (SSE)	16.6 \pm .2	3
168.75-191.25 (S)	16.3 \pm 1.6	2
191.25-213.75 (SSW)	18.3 \pm 3.2	2
213.75-236.25 (SW)	16.2 \pm .7	3
236.25-258.75 (WSW)	18.0 \pm 1.0	2
258.75-281.25 (W)	18.2 \pm 1.7	2
281.25-303.75 (WNW)	17.0 \pm .9	2
303.75-326.25 (NW)	16.8 \pm 1.8	2
326.25-348.75 (NNW)	17.3 \pm 1.7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.4 \pm .7	15
2-5	18.0 \pm 1.4	17
>5	16.7 \pm .9	5
UPWIND CONTROL DATA	18.9 \pm .2	3

QUAD CITIES
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840730-841004 67 DAYS
 FIELD TIME 49 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm;	Tot.		mR/Std. Qtr.	+ Rdm;	Tot.
001	7	0.7	10.9	+- .3	1.6	16.2	+- .7	3.6
002	17	1.2	13.1	+- .4	2.0	20.2	+- .8	4.1
003	45	1.7	9.6	+- .3	1.4	13.0	+- .5	2.7
004	65	1.1	11.5	+- .3	1.7	17.0	+- .6	3.4
005	90	0.8	10.8	+- .3	1.6	15.9	+- .5	3.2
006	136	1.1	11.5	+- .3	1.7	16.0	+- .6	3.3
007	175	1.8	11.3	+- .3	1.7	16.0	+- .6	3.3
008	157	2.0	11.3	+- .3	1.7	16.0	+- .6	3.3
009	186	3.1	11.2	+- .3	1.7	16.0	+- .6	3.3
010	188	7.7	12.1	+- .4	1.8	18.4	+- .7	3.7
011	156	4.2	11.7	+- .4	1.8	17.4	+- .7	3.6
012	142	4.8	11.2	+- .3	1.7	16.0	+- .6	3.3
013	121	3.3	11.8	+- .3	1.7	16.4	+- .6	3.4
014	114	2.9	11.9	+- .3	1.6	16.0	+- .6	3.3
015	86	2.8	11.4	+- .3	1.7	17.1	+- .6	3.4
016	62	4.4	12.8	+- .4	1.9	19.7	+- .7	4.0
017	48	6.1	10.6	+- .3	1.6	15.5	+- .5	3.2
018	39	8.0	10.6	+- .3	1.6	15.5	+- .5	3.2
019	36	4.7	11.2	+- .3	1.7	16.7	+- .6	3.4
020	16	4.3	11.4	+- .3	1.7	17.1	+- .6	3.4
021	358	4.2	13.0	+- .4	1.9	20.0	+- .7	4.4
022	336	4.1	13.0	+- .4	2.0	20.0	+- .8	4.4
023	337	5.7	11.3	+- .3	1.7	16.0	+- .6	3.3
024	317	4.4	13.7	+- .4	2.1	21.1	+- .8	4.4
025	295	4.1	11.1	+- .3	1.7	15.8	+- .6	3.3
026	282	6.9	10.6	+- .3	1.6	15.5	+- .5	3.2
027	265	4.3	11.7	+- .4	1.8	17.7	+- .7	3.6
028	253	4.8	12.4	+- .4	1.9	18.9	+- .7	3.8
029	356	2.8	12.3	+- .4	1.8	18.0	+- .7	3.7
030	335	1.9	13.0	+- .4	1.9	20.0	+- .8	4.4
031	317	2.6	12.9	+- .4	1.9	19.0	+- .7	4.0
032	295	2.5	11.8	+- .3	1.7	16.4	+- .6	3.4
033	266	2.8	11.2	+- .3	1.7	16.0	+- .6	3.3
034	248	2.2	11.4	+- .3	1.7	17.0	+- .6	3.4
035	229	2.6	12.1	+- .4	1.8	18.0	+- .7	3.7
036	204	3.4	11.5	+- .3	1.7	17.0	+- .6	3.4
037	194	8.3	12.5	+- .4	1.9	19.1	+- .7	4.0
038	224	4.6	12.9	+- .4	1.9	19.9	+- .7	4.1
039	301	15.	11.1	+- .3	1.7	16.5	+- .6	3.3
040	301	15.	10.7	+- .3	1.6	15.8	+- .6	3.3
041	301	15.	11.0	+- .3	1.7	16.4	+- .6	3.4

TRANSIT DOSE = 2.1 +- .2 ; 1.1

QUAD CITIES
FOR THE PERIOD 840730-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.3 \pm 1.9	3
11.25-33.75 (NNE)	18.7 \pm 2.2	2
33.75-56.25 (NE)	15.5 \pm 1.2	4
56.25-78.75 (ENE)	18.5 \pm 1.8	2
78.75-101.25 (E)	16.5 \pm .8	2
101.25-123.75 (ESE)	16.3 \pm .1	2
123.75-146.25 (SE)	17.0 \pm .3	2
146.25-168.75 (SSE)	17.3 \pm .6	2
168.75-191.25 (S)	17.3 \pm .9	3
191.25-213.75 (SSW)	18.2 \pm 1.3	2
213.75-236.25 (SW)	19.1 \pm 1.1	2
236.25-258.75 (WSW)	18.0 \pm 1.3	2
258.75-281.25 (W)	17.2 \pm .6	2
281.25-303.75 (WNW)	16.2 \pm .5	3
303.75-326.25 (NW)	20.8 \pm 1.1	2
326.25-348.75 (NNW)	19.0 \pm 1.8	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.0 \pm 1.8	11
2-5	18.1 \pm 1.5	21
>5	16.8 \pm 1.6	6
UPWIND CONTROL DATA	16.2 \pm .3	3

RANCHO SECO
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840611-841025 137 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE				
	AZIMUTH/DIST (deg.)	(mi.)	+ Rdm;	Tot.	mR/Std.Qtr. + Rdm;	Tot.			
001	288	16.	23.2	+.7	3.5	14.7	+- 1.0	4.5	
002	239	12.	24.6	+.7	3.7	16.1	+- 1.0	4.7	
003	213	16.	27.9	+.8	4.2	19.3	+- 1.1	5.1	
004	149	9.9	22.8	+.7	3.4	14.4	+- 1.0	4.5	
005	108	8.2	31.3	+.9	4.7	22.6	+- 1.1	5.5	
006	86	10.	22.7	+.7	3.4	14.3	+- 1.0	4.5	
007	83	9.7	22.6	+.7	3.4	14.2	+- 1.0	4.5	
008	37	7.1	22.6	+.7	3.4	14.2	+- 1.0	4.5	
009	65	0.8	MISSING OR DAMAGED DOSIMETER						
010	43	0.7	24.5	+.7	3.7	16.0	+- 1.0	4.7	
011	92	0.2	23.5	+.7	3.5	15.0	+- 1.0	4.6	
012	131	1.6	22.8	+.7	3.4	14.4	+- 1.0	4.5	
013	358	0.6	25.6	+.8	3.8	17.1	+- 1.0	4.8	
014	323	0.7	24.9	+.7	3.7	16.4	+- 1.0	4.7	
015	151	0.7	22.3	+.7	3.3	13.9	+- .9	4.4	
016	219	0.9	23.8	+.7	3.6	15.3	+- 1.0	4.6	
017	245	1.5	22.3	+.7	3.3	13.9	+- .9	4.4	
018	254	2.3	21.5	+.6	3.2	13.1	+- .9	4.4	
019	323	7.0	25.2	+.8	3.9	16.7	+- 1.0	4.8	
020	309	6.3	24.1	+.7	3.6	15.6	+- 1.0	4.6	
021	279	5.7	23.5	+.7	3.5	15.1	+- 1.0	4.6	
022	244	6.4	26.4	+.8	4.0	17.9	+- 1.0	4.9	
023	217	4.6	23.8	+.7	3.6	15.4	+- 1.0	4.6	
024	350	11.	23.1	+.7	3.5	14.7	+- 1.0	4.5	
025	318	17.	MISSING OR DAMAGED DOSIMETER						
026	311	22.	26.1	+.8	3.9	17.6	+- 1.0	4.9	
027	306	27.	22.0	+.7	3.3	13.6	+- .9	4.4	
028	306	27.	23.9	+.7	3.6	15.4	+- 1.0	4.6	
029	306	27.	24.7	+.7	3.7	16.2	+- 1.0	4.7	
030	306	27.	25.7	+.8	3.9	17.2	+- 1.0	4.8	
TRANSIT DOSE =			7.9	+- .7	3.1				

RANCHO SECO
FOR THE PERIOD 840611-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.8 \pm 1.7	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	15.1 \pm 1.3	2
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	14.5 \pm .5	3
101.25-123.75 (ESE)	22.6 \pm 0.0	1
123.75-146.25 (SE)	14.4 \pm 0.0	1
146.25-168.75 (SSE)	14.1 \pm .4	2
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	19.3 \pm 0.0	1
213.75-236.25 (SW)	15.3 \pm .0	2
236.25-258.75 (WSW)	15.2 \pm 2.2	4
258.75-281.25 (W)	15.1 \pm 0.0	1
281.25-303.75 (WNW)	14.7 \pm 0.0	1
303.75-326.25 (NW)	16.4 \pm .6	5
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	15.2 \pm 1.2	8
2-5	14.2 \pm 1.6	2
>5	16.2 \pm 2.3	15
UPWIND CONTROL DATA	15.5 \pm 2.0	3

RIVER BEND
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840618-841101 137 DAYS
 FIELD TIME 101 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ -	Rdm;	Tot.	mR/Std. Qtr.	+ -	Rdm; Tot.
001	348	1.3	20.0	+-	.6	3.0	NO	NET DATA
002	42	1.1	18.9	+-	.6	2.8	NO	NET DATA
003	61	1.1	18.9	+-	.6	2.8	NO	NET DATA
004	90	.0	18.1	+-	.5	2.7	NO	NET DATA
005	107	.6	19.0	+-	.6	2.8	NO	NET DATA
006	136	.75	19.7	+-	.6	3.0	NO	NET DATA
007	166	1	17.1	+-	.5	2.6	NO	NET DATA
008	182	.9	16.9	+-	.5	2.5	NO	NET DATA
009	195	.6	17.3	+-	.5	2.6	NO	NET DATA
010	225	.7	18.8	+-	.6	2.8	NO	NET DATA
011	254	.4	18.0	+-	.5	2.7	NO	NET DATA
012	276	.6	17.6	+-	.5	2.6	NO	NET DATA
013	295	.6	19.8	+-	.6	3.0	NO	NET DATA
014	320	.9	18.4	+-	.6	2.8	NO	NET DATA
015	332	2.1	19.8	+-	.6	3.0	NO	NET DATA
016	312	2.7	20.3	+-	.6	3.0	NO	NET DATA
017	302	3.1	16.5	+-	.5	2.5	NO	NET DATA
018	278	3.8	16.2	+-	.5	2.4	NO	NET DATA
019	242	2.8	20.5	+-	.6	3.1	NO	NET DATA
020	195	5.4	17.8	+-	.5	2.7	NO	NET DATA
021	215	3	19.2	+-	.6	2.9	NO	NET DATA
022	233	7.1	14.4	+-	.4	2.2	NO	NET DATA
023	246	9.7	17.5	+-	.5	2.6	NO	NET DATA
024	234	7.3	17.1	+-	.5	2.6	NO	NET DATA
025	185	7.6	19.8	+-	.6	3.0	NO	NET DATA
026	322	7.7	16.7	+-	.5	2.5	NO	NET DATA
027	328	10.	19.3	+-	.6	2.9	NO	NET DATA
028	340	7.2	18.9	+-	.6	2.8	NO	NET DATA
029	354	9.5	MISSING	OR	DAMAGED	DOSIMETER		
030	360	5.1	18.4	+-	.6	2.8	NO	NET DATA
031	221	6.9	MISSING	OR	DAMAGED	DOSIMETER		
032	40	4.9	18.9	+-	.6	2.8	NO	NET DATA
033	52	8.7	15.0	+-	.4	2.2	NO	NET DATA
034	65	8.4	18.0	+-	.5	2.7	NO	NET DATA
035	87	6.6	15.9	+-	.5	2.4	NO	NET DATA
036	326	5.8	18.6	+-	.6	2.8	NO	NET DATA
037	329	22	17.5	+-	.5	2.6	NO	NET DATA
038	111	3.8	19.8	+-	.6	3.0	NO	NET DATA
039	131	5.6	11.9	+-	.4	1.8	NO	NET DATA
040	155	6.2	11.3	+-	.3	1.7	NO	NET DATA
041	120	9	5.6	+-	.2	.8	NO	NET DATA
042	121	11.	16.5	+-	.5	2.5	NO	NET DATA
043	180	1.1	20.7	+-	.6	3.1	NO	NET DATA
044	150	28	15.6	+-	.5	2.3	NO	NET DATA

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

RIVER BEND
FOR THE PERIOD 840618-841101

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.1 \pm 0.0	1
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	11.5 \pm 1.5	3
56.25-78.75 (ENE)	12.1 \pm .4	2
78.75-101.25 (E)	11.2 \pm 1.0	2
101.25-123.75 (ESE)	10.0 \pm 4.3	4
123.75-146.25 (SE)	10.4 \pm 3.6	2
146.25-168.75 (SSE)	9.3 \pm 2.7	2
168.75-191.25 (S)	12.6 \pm 1.3	3
191.25-213.75 (SSW)	11.5 \pm .2	2
213.75-236.25 (SW)	11.4 \pm 1.4	4
236.25-258.75 (WSW)	12.3 \pm 1.1	3
258.75-281.25 (W)	11.1 \pm .7	2
281.25-303.75 (WNW)	11.9 \pm 1.6	2
303.75-326.25 (NW)	12.1 \pm 1.0	4
326.25-348.75 (NNW)	12.5 \pm .7	5

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	12.2 \pm .7	15
2-5	12.4 \pm 1.1	8
>5	10.6 \pm 2.3	18
UPWIND CONTROL DATA	10.2 \pm 0.0	1

ROBINSON
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841012 120 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	191	0.2	17.0	+- .5	18.0	+- .7
002	151	1.9	22.6	+- .5	18.0	+- .7
003	134	2.0	21.0	+- .5	17.4	+- .7
004	119	1.9	17.0	+- .5	18.0	+- .7
005	89	2.1	21.4	+- .5	17.4	+- .7
006	65	1.0	18.7	+- .5	14.9	+- .7
007	46	1.0	21.0	+- .5	17.0	+- .7
008	27	1.9	21.0	+- .5	17.1	+- .7
009	22	3.0	20.2	+- .5	16.0	+- .7
010	0	5.0	21.0	+- .5	17.1	+- .7
011	51	4.0	21.9	+- .5	17.9	+- .7
012	67	4.1	16.9	+- .5	16.0	+- .7
013	87	4.0	17.0	+- .5	16.7	+- .7
014	109	5.0	18.0	+- .5	14.0	+- .7
015	118	4.0	17.0	+- .5	14.0	+- .7
016	138	5.0	18.0	+- .5	14.4	+- .7
017	111	17.0	17.0	+- .5	16.9	+- .7
018	199	12.0	18.0	+- .5	14.4	+- .7
019	208	4.0	20.0	+- .5	19.0	+- .7
020	225	4.0	21.0	+- .5	17.0	+- .7
021	178	4.0	14.0	+- .5	11.0	+- .7
022	167	3.0	18.0	+- .5	15.0	+- .7
023	181	2.0	18.0	+- .5	14.0	+- .7
024	194	2.0	21.0	+- .5	17.0	+- .7
025	208	1.1	19.0	+- .5	15.0	+- .7
026	245	1.0	17.0	+- .5	16.0	+- .7
027	273	1.1	16.0	+- .5	16.0	+- .7
028	298	2.0	15.0	+- .5	16.0	+- .7
029	311	1.0	20.4	+- .5	16.0	+- .7
030	334	1.0	18.0	+- .5	14.0	+- .7
031	353	1.0	17.0	+- .5	16.0	+- .7
032	333	4.0	20.0	+- .5	16.0	+- .7
033	318	4.0	21.0	+- .5	17.0	+- .7
034	318	6.0	17.0	+- .5	16.0	+- .7
035	295	4.0	23.0	+- .5	19.0	+- .7
036	269	4.0	20.0	+- .5	17.0	+- .7
037	252	4.0	21.0	+- .5	17.0	+- .7
038	274	10.0	19.0	+- .5	16.0	+- .7
039	286	15.0	MISSING OR DAMAGED DOSIMETER			
040	289	16.0	17.9	+- .5	14.1	+- .7
041	291	17.0	18.4	+- .6	14.6	+- .7

TRANSIT DOSE = 3.1 +- .5 ; 2.0

ROBINSON
FOR THE PERIOD 840615-841012

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.5 \pm 2.2	2
11.25-33.75 (NNE)	16.7 \pm .5	2
33.75-56.25 (NE)	17.6 \pm .4	2
56.25-78.75 (ENE)	14.0 \pm 1.2	2
78.75-101.25 (E)	15.6 \pm 2.6	2
101.25-123.75 (ESE)	14.0 \pm .4	4
123.75-146.25 (SE)	15.9 \pm 2.1	2
146.25-168.75 (SSE)	16.8 \pm 2.6	2
168.75-191.25 (S)	13.0 \pm 1.8	3
191.25-213.75 (SSW)	17.3 \pm 2.7	3
213.75-236.25 (SW)	16.4 \pm 1.6	2
236.25-258.75 (WSW)	15.5 \pm 2.5	2
258.75-281.25 (W)	15.3 \pm 2.1	3
281.25-303.75 (WNW)	15.5 \pm 4.9	2
303.75-326.25 (NW)	15.8 \pm 1.7	3
326.25-348.75 (NNW)	15.8 \pm 1.6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.3 \pm 2.1	14
2-5	16.0 \pm 2.2	19
>5	14.5 \pm .9	5
UPWIND CONTROL DATA	14.4 \pm .4	2

ST. LUCIE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841009 118 DAYS
 FIELD TIME 90 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.		
001	20	0.3	17.2 +- .5	2.6	13.9 +- .7	0.3	
002	45	0.2	20.3 +- .6	3.0	17.0 +- .8	0.7	
003	67	0.2	20.4 +- .6	3.1	17.1 +- .8	0.7	
004	92	0.3	15.3 +- .5	2.3	12.0 +- .7	0.1	
005	115	0.4	14.8 +- .4	2.2	11.5 +- .6	0.0	
006	143	1.1	13.5 +- .4	2.0	10.2 +- .6	0.9	
007	150	2.0	12.7 +- .4	1.9	9.4 +- .6	0.8	
008	154	4.7	MISSING OR DAMAGED DOSIMETER				
009	152	22.	13.4 +- .4	2.0	10.1 +- .6	2.9	
010	152	22.	14.5 +- .4	2.2	11.2 +- .6	0.0	
011	152	22.	16.9 +- .5	2.5	13.6 +- .7	0.2	
012	168	14.	14.0 +- .4	2.1	10.7 +- .6	0.9	
013	185	10.	16.2 +- .5	2.4	12.9 +- .7	0.2	
014	183	11.	18.3 +- .5	2.7	15.0 +- .7	0.4	
015	170	8.0	14.7 +- .4	2.2	11.4 +- .6	0.0	
016	196	7.0	15.9 +- .5	2.4	12.6 +- .7	0.1	
017	229	7.9	MISSING OR DAMAGED DOSIMETER				
018	250	6.6	14.0 +- .4	2.2	11.5 +- .6	0.0	
019	247	4.8	14.0 +- .4	2.1	10.7 +- .6	0.9	
020	229	5.0	14.9 +- .4	2.2	11.6 +- .6	0.0	
021	208	0.8	MISSING OR DAMAGED DOSIMETER				
022	187	0.8	15.9 +- .5	2.4	12.5 +- .7	0.1	
023	203	2.6	13.5 +- .4	2.0	10.2 +- .6	0.9	
024	245	1.9	14.6 +- .4	2.2	11.3 +- .6	0.0	
025	280	2.2	15.2 +- .5	2.3	11.9 +- .7	0.0	
026	299	0.1	15.4 +- .5	2.3	12.1 +- .7	0.1	
027	305	0.0	15.4 +- .5	2.3	12.1 +- .7	0.1	
028	276	4.0	14.5 +- .4	2.2	11.2 +- .6	0.0	
029	293	5.0	14.5 +- .4	2.2	11.2 +- .6	0.0	
030	316	7.7	15.5 +- .5	2.3	12.2 +- .7	0.1	
032	300	10.	15.5 +- .5	2.3	12.2 +- .7	0.1	
033	322	8.7	17.1 +- .5	2.6	13.8 +- .7	0.3	
034	339	8.8	14.8 +- .4	2.2	11.5 +- .6	0.0	
035	342	2.9	14.7 +- .4	2.2	11.4 +- .6	0.0	
036	346	1.9	15.9 +- .5	2.4	12.6 +- .7	0.1	
037	353	1.0	14.2 +- .4	2.1	10.9 +- .6	0.9	
038	226	2.0	15.3 +- .5	2.3	12.0 +- .7	0.1	
TRANSIT DOSE = 3.3 +- .5 ; 2.8							

ST. LUCIE
FOR THE PERIOD 840614-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	10.9 \pm 0.0	1
11.25-33.75 (NNE)	13.9 \pm 0.0	1
33.75-56.25 (NE)	17.0 \pm 0.0	1
56.25-78.75 (ENE)	17.1 \pm 0.0	1
78.75-101.25 (E)	12.0 \pm 0.0	1
101.25-123.75 (ESE)	11.5 \pm 0.0	1
123.75-146.25 (SE)	10.2 \pm 0.0	1
146.25-168.75 (SSE)	10.0 \pm .9	2
168.75-191.25 (S)	13.0 \pm 1.5	4
191.25-213.75 (SSW)	11.4 \pm 1.7	2
213.75-236.25 (SW)	11.8 \pm .3	2
236.25-258.75 (WSW)	11.1 \pm .4	3
258.75-281.25 (W)	11.6 \pm .5	2
281.25-303.75 (WNW)	11.8 \pm .6	3
303.75-326.25 (NW)	12.7 \pm 1.0	3
326.25-348.75 (NNW)	11.8 \pm .6	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	12.5 \pm 2.5	11
2-5	11.5 \pm .8	9
>5	12.3 \pm 1.3	11
UPWIND CONTROL DATA	11.6 \pm 1.8	3

SALEM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840625-841015 113 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE			
	AZIMUTH/ (deg.)	DIST (mi.)	+ -	Rdm;	Tot.	mR/Std. Qtr.	+ -	Rdm; Tot.	
002	79	3.4	16.0	+ -	.5	2.4	14.3	+ - .6	2.8
003	72	3.6	17.0	+ -	.5	2.5	15.2	+ - .6	2.9
004	58	4.2	16.4	+ -	.5	2.5	14.7	+ - .6	2.8
005	54	4.9	15.1	+ -	.5	2.3	13.4	+ - .6	2.7
006	68	8.6	13.6	+ -	.4	2.0	12.0	+ - .5	2.5
007	40	5.7	15.1	+ -	.5	2.3	13.4	+ - .6	2.7
008	116	11.	15.5	+ -	.5	2.3	13.8	+ - .6	2.7
010	8	5.8	16.1	+ -	.5	2.4	14.4	+ - .6	2.8
011	15	8.1	15.4	+ -	.5	2.3	13.7	+ - .6	2.7
012	24	8.6	13.7	+ -	.4	2.0	12.0	+ - .5	2.5
013	49	8.6	13.0	+ -	.4	2.0	11.4	+ - .5	2.4
014	90	6.7	14.3	+ -	.4	2.1	12.6	+ - .5	2.6
015	105	6.4	14.4	+ -	.4	2.2	12.7	+ - .5	2.6
TRANSIT DOSE =			1.2	+ -	.4	1.6			

COMMENTS:

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

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.4 \pm 0.0	1
11.25-33.75 (NNE)	12.8 \pm 1.2	2
33.75-56.25 (NE)	12.8 \pm 1.2	3
56.25-78.75 (ENE)	14.0 \pm 1.7	3
78.75-101.25 (E)	13.4 \pm 1.2	2
101.25-123.75 (ESE)	13.3 \pm .8	2
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	14.4 \pm .8	4
>5	12.8 \pm 1.0	3
UPWIND CONTROL DATA	NO DATA	NO DATA

SALEM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840625-841015 113 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE				
	AZIMUTH/DIST (deg.)	(mi.)	+ Rdm; Tot.	±	Std. Dev.	mR/Std. Dev.	+ Rdm; Tot.	±	Std. Dev.	
017	331	4.2	19.3	±	.6	2.9	16.5	±	.7	
018	320	3.8	16.9	±	.5	2.5	14.2	±	.6	
019	299	3.4	19.0	±	.6	2.8	16.2	±	.7	
021	276	3.6	19.9	±	.6	2.9	17.1	±	.7	
022	266	4.7	19.3	±	.6	2.9	16.6	±	.7	
023	257	4.4	19.3	±	.6	2.9	16.6	±	.7	
024	240	4.4	19.4	±	.6	2.9	16.6	±	.7	
025	217	4.9	19.4	±	.6	2.9	16.7	±	.7	
026	204	3.9	17.7	±	.5	2.6	15.0	±	.6	
027	188	4.2	20.6	±	.6	3.1	17.0	±	.7	
028	319	2.0	23.1	±	.7	3.5	20.2	±	.8	
029	265	6.7	16.7	±	.5	2.5	14.0	±	.6	
030	353	12.	18.4	±	.6	2.0	15.6	±	.7	
031	0	18	19.8	±	.6	2.0	17.1	±	.7	
032	338	8.1	17.3	±	.5	2.6	14.6	±	.6	
033	265	9.8	21.1	±	.6	2.2	18.3	±	.7	
034	270	13.	18.8	±	.6	2.0	16.0	±	.7	
TRANSIT DOSE =			2.2	±	.4	1.7				

COMMENTS:

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

SALEM
FOR THE PERIOD 840625-841015

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	17.8 \pm 0.0	1
191.25-213.75 (SSW)	15.0 \pm 0.0	1
213.75-236.25 (SW)	16.7 \pm 0.0	1
236.25-258.75 (WSW)	16.6 \pm .0	2
258.75-281.25 (W)	16.4 \pm 1.6	5
281.25-303.75 (WNW)	16.2 \pm 0.0	1
303.75-326.25 (NW)	14.2 \pm 0.0	1
326.25-348.75 (NNW)	15.6 \pm 1.3	2

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	16.3 \pm 1.0	10
>5	15.7 \pm 1.9	4
UPWIND CONTROL DATA	17.6 \pm 2.3	3

SAN ONOFRE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840611-841025 137 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.			mR/Std. Qtr. + Rdm; Tot.			
001	346	35.	32.3	+-	1.0	4.0	25.7	+- 1.1	5.4
002	346	35.	32.1	+-	1.0	4.0	25.5	+- 1.1	5.4
003	346	35.	33.1	+-	1.0	5.0	26.5	+- 1.1	5.5
004	327	11.	25.4	+-	.0	3.0	19.0	+- 1.0	4.6
005	308	14.	29.3	+-	.9	4.4	22.0	+- 1.1	5.1
006	307	10.	26.6	+-	.0	4.0	20.2	+- 1.0	4.8
007	318	6.3	25.0	+-	.0	3.9	19.4	+- 1.0	4.7
008	322	5.1	29.3	+-	.9	4.4	22.0	+- 1.1	5.1
009	311	3.3	25.6	+-	.0	3.0	19.2	+- 1.0	4.6
010	331	3.3	29.6	+-	.9	4.4	23.1	+- 1.1	5.1
011	300	2.6	27.7	+-	.0	4.2	21.0	+- 1.0	4.9
012	285	0.5	24.0	+-	.7	3.0	17.7	+- .9	4.5
013	320	2.4	30.1	+-	.9	4.5	23.5	+- 1.1	5.2
014	320	1.7	26.3	+-	.0	3.9	19.0	+- 1.0	4.7
015	333	1.2	27.7	+-	.0	4.1	21.2	+- 1.0	4.9
016	30	1.9	31.1	+-	.9	4.7	24.6	+- 1.1	5.0
017	8	1.3	23.7	+-	.7	3.6	17.4	+- .9	4.4
019	55	2.9	26.0	+-	.0	4.0	20.4	+- 1.0	4.8
020	77	4.1	28.9	+-	.9	4.3	22.4	+- 1.0	5.0
021	87	4.7	29.3	+-	.9	4.4	22.0	+- 1.1	5.1
022	25	0.4	31.0	+-	1.0	4.8	25.2	+- 1.1	5.4
023	357	0.5	32.5	+-	1.0	4.9	25.9	+- 1.1	5.5
024	25	0.4	26.9	+-	.0	4.0	20.5	+- 1.0	4.8
025	81	0.4	26.6	+-	.0	4.0	20.2	+- 1.0	4.8
026	126	2.1	24.0	+-	.7	3.7	18.4	+- 1.0	4.5
027	130	0.6	24.7	+-	.7	3.7	18.3	+- .9	4.5
028	99	0.9	26.1	+-	.0	3.9	19.7	+- 1.0	4.7
029	135	11.	25.2	+-	.0	3.0	18.9	+- 1.0	4.6
030	126	2.0	22.4	+-	.7	3.4	16.1	+- .9	4.3
031	128	0.7	21.3	+-	.5	3.2	15.0	+- .9	4.1
032	140	22.	MISSING	OR	DAMAGED	DOSIMETER			
033	120	26.	23.6	+-	.7	3.5	17.3	+- .9	4.4
TRANSIT DOSE =			5.7	+-	.6	; 2.9			

SAN ONOFRE
FOR THE PERIOD 840611-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	21.6 \pm 6.0	2
11.25-33.75 (NNE)	23.4 \pm 2.6	3
33.75-56.25 (NE)	20.4 \pm 0.0	1
56.25-78.75 (ENE)	22.4 \pm 0.0	1
78.75-101.25 (E)	20.8 \pm 1.7	3
101.25-123.75 (ESE)	17.3 \pm 0.0	1
123.75-146.25 (SE)	17.4 \pm 1.7	5
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	NO DATA+-NO DATA	0
213.75-236.25 (SW)	NO DATA+-NO DATA	0
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	19.5 \pm 2.5	2
303.75-326.25 (NW)	21.1 \pm 1.8	7
326.25-348.75 (NNW)	21.1 \pm 2.0	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	19.7 \pm 2.6	8
2-5	21.6 \pm 3.2	11
>5	19.8 \pm 1.9	9
UPWIND CONTROL DATA	25.8 \pm .5	3

SEABROOK
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841004 112 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE		
	AZIMUTH (deg.)	DIST (mi.)	+-	Rdm	Tot.	mR/Std.Qtr.	+-	Rdm; Tot.
001	157	.7	22.4	+-	.7	3.4	NO	NET DATA
002	179	.7	22.5	+-	.7	3.4	NO	NET DATA
003	199	.7	22.0	+-	.7	3.3	NO	NET DATA
004	223	.9	22.6	+-	.7	3.4	NO	NET DATA
005	244	1.2	20.8	+-	.6	3.1	NO	NET DATA
006	293	1	22.0	+-	.7	3.3	NO	NET DATA
007	275	.5	22.2	+-	.7	3.3	NO	NET DATA
008	317	2.8	22.7	+-	.7	3.4	NO	NET DATA
009	331	1.6	23.1	+-	.7	3.5	NO	NET DATA
010	358	1.9	22.2	+-	.7	3.3	NO	NET DATA
011	20	2.6	22.8	+-	.7	3.4	NO	NET DATA
012	50	2.1	18.8	+-	.6	2.8	NO	NET DATA
013	82	1.7	21.5	+-	.6	3.2	NO	NET DATA
014	43	4.1	20.9	+-	.6	3.1	NO	NET DATA
015	0	4	23.5	+-	.7	3.5	NO	NET DATA
016	20	12.	23.8	+-	.7	3.6	NO	NET DATA
017	322	7.3	23.6	+-	.7	3.5	NO	NET DATA
018	292	3.9	22.1	+-	.7	3.3	NO	NET DATA
019	269	9.9	MISSING OR DAMAGED DOSIMETER					
020	253	4.2	22.7	+-	.7	3.4	NO	NET DATA
021	232	4.7	22.8	+-	.7	3.4	NO	NET DATA
022	213	6.1	24.1	+-	.7	3.6	NO	NET DATA
023	189	6.6	24.6	+-	.7	3.7	NO	NET DATA
024	166	7.2	20.4	+-	.6	3.1	NO	NET DATA
025	177	4.1	20.7	+-	.6	3.1	NO	NET DATA
026	159	4	18.1	+-	.5	2.7	NO	NET DATA
027	138	2.4	21.2	+-	.6	3.2	NO	NET DATA
028	117	4.4	20.8	+-	.6	3.1	NO	NET DATA
030	66	2.1	21.4	+-	.6	3.2	NO	NET DATA
031	336	5.4	20.2	+-	.6	3.0	NO	NET DATA
032	237	18.	22.9	+-	.7	3.4	NO	NET DATA
033	237	18.	20.4	+-	.6	3.1	NO	NET DATA
034	237	18.	22.9	+-	.7	3.4	NO	NET DATA

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

SEABROOK
FOR THE PERIOD 840615-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.3 \pm .7	2
11.25-33.75 (NNE)	18.7 \pm .8	2
33.75-56.25 (NE)	15.9 \pm 1.2	2
56.25-78.75 (ENE)	17.2 \pm 0.0	1
78.75-101.25 (E)	17.3 \pm 0.0	1
101.25-123.75 (ESE)	16.7 \pm 0.0	1
123.75-146.25 (SE)	17.0 \pm 0.0	1
146.25-168.75 (SSE)	16.3 \pm 1.7	3
168.75-191.25 (S)	18.1 \pm 1.5	3
191.25-213.75 (SSW)	18.5 \pm 1.2	2
213.75-236.25 (SW)	18.2 \pm .1	2
236.25-258.75 (WSW)	17.5 \pm 1.1	2
258.75-281.25 (W)	17.8 \pm 0.0	1
281.25-303.75 (WNW)	17.7 \pm .1	2
303.75-326.25 (NW)	18.6 \pm .5	2
326.25-348.75 (NNW)	17.4 \pm 1.6	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.8 \pm .5	10
2-5	17.2 \pm 1.3	13
>5	18.3 \pm 1.6	6
UPWIND CONTROL DATA	17.7 \pm 1.2	3

SEQUOYAH
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841009 118 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE			
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm	Tot.	mR/Std. Qtr. + - Rdm	Tot.		
001	218	11.	21.2	± .6	3.2	16.1 ± .8	3.7	
002	206	13.	17.5	± .5	2.6	12.5 ± .7	3.2	
003	203	3.9	24.2	± .7	3.6	19.0 ± .8	4.0	
004	199	2.0	21.2	± .6	3.2	16.1 ± .8	3.7	
005	181	1.4	26.0	± .8	3.9	20.7 ± .9	4.3	
006	153	1.5	18.6	± .6	2.8	13.6 ± .7	3.4	
007	139	1.9	19.1	± .6	2.9	14.1 ± .7	3.4	
008	115	1.8	21.9	± .7	3.3	16.8 ± .8	3.8	
009	84	1.6	16.4	± .5	2.5	11.4 ± .7	3.1	
010	66	1.3	19.1	± .6	2.9	14.1 ± .7	3.4	
011	45	1.5	20.7	± .6	3.1	15.6 ± .8	3.6	
012	14	2.0	24.4	± .7	3.7	19.2 ± .8	4.1	
013	2.0	2.1	22.8	± .7	3.4	17.7 ± .8	3.9	
014	19	3.9	19.4	± .6	2.9	14.3 ± .7	3.5	
015	48	4.0	17.1	± .5	2.6	12.2 ± .7	3.2	
016	65	4.9	20.4	± .6	3.1	15.3 ± .8	3.6	
017	90	3.9	21.5	± .6	3.2	16.4 ± .8	3.7	
018	111	3.4	21.5	± .6	3.2	16.4 ± .8	3.7	
019	135	3.4	20.4	± .6	3.1	15.3 ± .8	3.6	
020	158	3.4	17.0	± .5	2.5	12.0 ± .7	3.2	
021	184	4.6	MISSING OR DAMAGED DOSIMETER					
022	233	10.	19.0	± .6	2.9	14.0 ± .7	3.4	
023	219	4.9	MISSING OR DAMAGED DOSIMETER					
024	241	4.3	19.9	± .6	3.0	14.9 ± .7	3.5	
025	235	2.0	16.8	± .5	2.5	11.8 ± .7	3.2	
026	248	1.5	21.2	± .6	3.2	16.1 ± .8	3.7	
027	266	1.2	18.6	± .6	2.8	13.6 ± .7	3.4	
028	291	1.2	20.4	± .6	3.1	15.3 ± .8	3.6	
029	309	1.2	19.2	± .6	2.9	14.2 ± .7	3.4	
030	330	0.5	21.3	± .6	3.2	16.2 ± .8	3.7	
031	339	1.8	21.8	± .7	3.3	16.7 ± .8	3.7	
032	355	4.9	17.1	± .5	2.6	12.2 ± .7	3.2	
033	334	0.6	19.0	± .6	2.9	14.0 ± .7	3.4	
034	317	4.4	17.4	± .5	2.6	12.4 ± .7	3.2	
035	277	5.6	20.5	± .6	3.1	15.4 ± .8	3.6	
036	283	3.6	18.3	± .5	2.7	13.3 ± .7	3.3	
037	273	4.4	19.2	± .6	2.9	14.1 ± .7	3.4	
038	302	19.	MISSING OR DAMAGED DOSIMETER					
039	290	18	19.6	± .5	2.9	14.6 ± .7	3.5	
040	289	18	18.9	± .6	2.8	13.9 ± .7	3.4	
041	318	6.1	20.5	± .6	3.1	15.4 ± .8	3.6	
TRANSIT DOSE =			4.5	± .5	2.1			

SEQUOYAH
FOR THE PERIOD 840614-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.8 \pm 3.9	2
11.25-33.75 (NNE)	16.7 \pm 3.4	2
33.75-56.25 (NE)	13.8 \pm 2.5	2
56.25-78.75 (ENE)	14.7 \pm .9	2
78.75-101.25 (E)	13.8 \pm 3.5	2
101.25-123.75 (ESE)	16.6 \pm .3	2
123.75-146.25 (SE)	14.7 \pm .9	2
146.25-168.75 (SSE)	12.8 \pm 1.1	2
168.75-191.25 (S)	20.7 \pm 0.0	1
191.25-213.75 (SSW)	15.8 \pm 3.2	3
213.75-236.25 (SW)	14.0 \pm 2.2	3
236.25-258.75 (WSW)	15.5 \pm .9	2
258.75-281.25 (W)	14.4 \pm .9	3
281.25-303.75 (WNW)	14.3 \pm 1.4	2
303.75-326.25 (NW)	14.0 \pm 1.5	3
326.25-348.75 (NNW)	15.6 \pm 1.4	3

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.3 \pm 2.4	16
2-5	14.6 \pm 2.1	15
>5	14.7 \pm 1.5	5
UPWIND CONTROL DATA	14.2 \pm .5	2

SHOREHAM
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841025 133 DAYS
 FIELD TIME 94 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+-	Rdm;	Tot.	mR/Std. Qtr.	+-	Rdm; Tot.	
001	262	10	18.4	+-	.6	2.8	14.3	+- .6	3.1
002	268	4.4	20.1	+-	.6	3.0	15.9	+- .7	3.3
003	256	3.2	17.5	+-	.5	2.6	13.4	+- .6	3.0
004	268	2.1	20.0	+-	.6	3.0	15.7	+- .7	3.3
005	243	1.7	19.7	+-	.6	3.0	15.5	+- .7	3.2
007	136	1.5	MISSING OR DAMAGED DOSIMETER						
008	116	0.9	22.1	+-	.7	3.3	17.8	+- .7	3.6
009	910	0.8	18.6	+-	.6	2.8	14.4	+- .6	3.1
010	730	0.7	17.3	+-	.5	2.6	13.2	+- .6	3.0
011	62.	0.7	17.1	+-	.5	2.6	13.0	+- .6	2.9
012	75	1.6	18.6	+-	.6	2.8	14.4	+- .6	3.1
013	88	2.1	19.4	+-	.6	2.9	15.2	+- .7	3.2
014	119	4.6	18.8	+-	.6	2.8	14.6	+- .7	3.1
015	110	10.	19.8	+-	.6	3.0	15.6	+- .7	3.3
016	138	14.	19.3	+-	.6	2.9	15.1	+- .7	3.2
017	162	11.	18.6	+-	.6	2.8	14.4	+- .6	3.1
018	170	11.	18.6	+-	.6	2.8	14.4	+- .6	3.1
019	189	5.1	18.4	+-	.6	2.8	14.2	+- .6	3.1
021	163	2.5	18.3	+-	.5	2.7	14.2	+- .6	3.1
022	149	1.5	MISSING OR DAMAGED DOSIMETER						
023	177	1.3	19.8	+-	.6	3.0	15.6	+- .7	3.3
024	196	1.2	18.8	+-	.6	2.8	14.6	+- .7	3.1
025	217	1.5	MISSING OR DAMAGED DOSIMETER						
026	215	4.6	17.5	+-	.5	2.6	13.3	+- .6	3.0
027	205	4.2	19.9	+-	.6	3.0	15.7	+- .7	3.3
028	233	11	18.5	+-	.6	2.8	14.3	+- .6	3.1
029	224	12.	18.1	+-	.5	2.7	14.0	+- .6	3.1
030	202	14.	18.6	+-	.6	2.8	14.4	+- .6	3.1
031	210	15.	17.8	+-	.5	2.7	13.7	+- .6	3.0
032	210	15.	17.8	+-	.5	2.7	13.7	+- .6	3.0
033	210	15.	18.3	+-	.5	2.7	14.1	+- .6	3.1
034	27	.2	MISSING OR DAMAGED DOSIMETER						
035	50	.3	21.8	+-	.7	3.3	17.5	+- .7	3.5
036	133	3.9	19.8	+-	.6	3.0	15.6	+- .7	3.3
TRANSIT DOSE =			3.5	+-	.4	1.7			

SHOREHAM
FOR THE PERIOD 840615-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	13.8 \pm .8	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	17.5 \pm 0.0	1
56.25-78.75 (ENE)	13.7 \pm 1.0	2
78.75-101.25 (E)	15.2 \pm 0.0	1
101.25-123.75 (ESE)	16.0 \pm 1.6	3
123.75-146.25 (SE)	15.4 \pm .3	2
146.25-168.75 (SSE)	14.3 \pm .2	2
168.75-191.25 (S)	14.7 \pm .7	3
191.25-213.75 (SSW)	14.9 \pm .7	3
213.75-236.25 (SW)	13.9 \pm .5	3
236.25-258.75 (WSW)	14.4 \pm 1.5	2
258.75-281.25 (W)	15.3 \pm .9	3
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.1 \pm 1.7	9
2-5	14.8 \pm 1.0	9
>5	14.5 \pm .5	9
UPWIND CONTROL DATA	13.8 \pm .2	3

SUMMER
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841025 134 DAYS
 FIELD TIME 95 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr. + Rdm	Tot.
001	199	3.7	MISSING OR DAMAGED DOSIMETER			
002	111	1.0	25.7	3.8	21.8	4.2
003	340	4.1	28.6	4.3	24.6	4.5
004	192	9.3	24.7	3.7	20.9	4.0
005	72	1.0	28.4	4.3	24.3	4.5
006	54	1.5	25.9	3.9	22.0	4.2
007	46	0.0	32.0	4.9	28.5	5.1
008	31	0.0	32.7	4.9	28.4	5.1
009	13	0.9	32.5	4.9	28.3	5.0
010	7	4.0	31.1	4.7	26.9	4.9
011	349	4.3	MISSING OR DAMAGED DOSIMETER			
012	323	0.0	28.5	4.3	24.5	4.5
013	333	0.0	29.7	4.4	25.6	4.7
014	255	0.0	29.8	3.1	17.1	3.6
015	308	0.0	29.7	4.4	25.6	4.7
016	64	0.5	MISSING OR DAMAGED DOSIMETER			
017	90	0.1	26.9	4.0	22.9	4.3
018	114	0.5	25.7	3.9	21.0	4.2
019	132	2.0	23.6	3.5	19.0	3.9
020	152	4.5	MISSING OR DAMAGED DOSIMETER			
021	133	4.1	19.1	2.9	15.6	3.4
022	157	2.4	20.6	3.1	17.0	3.6
023	173	2.4	22.2	3.3	18.5	3.7
024	185	3.9	23.5	3.5	19.7	3.9
025	210	3.3	23.1	3.5	19.4	3.8
026	217	3.3	20.1	3.0	16.5	3.5
027	231	3.1	20.0	3.0	16.4	3.5
028	267	2.7	26.5	4.0	22.5	4.3
029	276	3.4	27.6	4.1	23.6	4.4
030	293	3.8	31.3	4.7	27.1	4.9
031	244	3.6	23.7	3.5	19.9	3.9
032	247	6.2	25.6	3.8	21.7	4.2
033	218	9.0	25.2	3.0	21.3	4.1
034	192	9.3	22.7	3.4	19.0	3.8
035	184	14.	19.5	2.9	15.9	3.4
036	183	14.	20.0	3.0	16.4	3.5
037	182	14.	18.7	2.8	15.2	3.3
038	148	20.	MISSING OR DAMAGED DOSIMETER			
039	140	25.	24.9	3.7	21.1	4.1
040	135	23.	27.2	4.1	23.2	4.4
TRANSIT DOSE = 2.7 +- .5 ; 2.1						

SUMMER
FOR THE PERIOD 840614-841025

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (μ R/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	26.8 \pm 0.0	1
11.25-33.75 (NNE)	28.4 \pm .1	2
33.75-56.25 (NE)	25.3 \pm 4.7	2
56.25-78.75 (ENE)	24.3 \pm 0.0	1
78.75-101.25 (E)	22.8 \pm 0.0	1
101.25-123.75 (ESE)	21.8 \pm .0	2
123.75-146.25 (SE)	19.8 \pm 3.2	4
146.25-168.75 (SSE)	17.0 \pm 0.0	1
168.75-191.25 (S)	19.1 \pm .8	2
191.25-213.75 (SSW)	19.7 \pm 1.0	3
213.75-236.25 (SW)	18.1 \pm 2.0	3
236.25-258.75 (WSW)	19.6 \pm 2.3	3
258.75-281.25 (W)	23.1 \pm .8	2
281.25-303.75 (WNW)	27.1 \pm 0.0	1
303.75-326.25 (NW)	25.0 \pm .8	2
326.25-348.75 (NNW)	25.1 \pm .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (μ R/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	22.0 \pm 1.9	4
2-5	22.1 \pm 4.4	21
>5	21.8 \pm 2.1	7
UPWIND CONTROL DATA	15.8 \pm .6	3

SURRY
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841010 118 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr.	+ Rdm; Tot.		
001	118	18.	19.2	+.6	2.9	15.3 +- .7	3.3	
002	129	17.	22.5	+.7	3.4	18.5 +- .8	3.7	
003	162	16.	MISSING OR DAMAGED DOSIMETER					
004	162	16.	16.1	+.5	2.4	12.2 +- .6	2.9	
005	156	5.1	22.7	+.7	3.4	18.7 +- .8	3.8	
006	189	4.1	18.0	+.5	2.7	14.1 +- .7	3.2	
007	202	2.2	19.0	+.6	2.9	15.1 +- .7	3.3	
008	183	1.6	22.0	+.7	3.3	18.0 +- .8	3.7	
009	243	0.2	24.4	+.7	3.7	20.4 +- .8	4.0	
010	269	0.1	30.2	+.9	4.5	26.0 +- 1.0	4.4	
011	304	0.1	31.3	+.9	4.7	27.1 +- 1.0	4.4	
012	334	0.2	30.2	+.9	4.5	26.1 +- 1.0	4.4	
013	10	1.2	20.3	+.6	3.0	16.4 +- .7	3.4	
014	21	2.0	20.7	+.6	3.1	16.0 +- .7	3.5	
015	203	4.5	19.3	+.6	2.9	15.4 +- .7	3.3	
016	224	3.7	17.4	+.5	2.6	13.5 +- .7	3.1	
017	212	2.0	21.5	+.6	3.2	17.5 +- .7	3.6	
018	248	5.1	19.0	+.6	3.0	15.1 +- .7	3.3	
019	259	0.1	20.4	+.6	3.1	16.5 +- .7	3.5	
020	285	5.0	MISSING OR DAMAGED DOSIMETER					
021	270	4.1	24.3	+.7	3.5	20.3 +- .8	4.0	
022	123	12.	23.4	+.7	3.5	19.4 +- .8	3.8	
023	102	11.	27.1	+.8	4.1	23.0 +- .9	4.3	
024	106	4.9	23.4	+.7	3.5	19.4 +- .8	3.8	
025	90	5.2	21.8	+.7	3.3	17.8 +- .8	3.6	
026	69	5.1	26.2	+.8	3.9	22.1 +- .9	4.2	
027	23	5.3	22.0	+.7	3.3	18.0 +- .8	3.7	
028	49	5.0	24.7	+.7	3.7	20.6 +- .8	4.0	
029	7.0	6.0	24.0	+.7	3.6	19.9 +- .8	3.9	
030	359	6.5	19.7	+.6	3.0	15.0 +- .7	3.4	
031	1.0	4.6	16.7	+.5	2.5	12.9 +- .6	3.0	
032	332	3.8	20.2	+.6	3.0	16.2 +- .7	3.4	
033	314	5.4	21.3	+.6	3.2	17.4 +- .7	3.6	
034	308	6.4	MISSING OR DAMAGED DOSIMETER					
035	348	5.3	19.0	+.6	2.8	15.1 +- .7	3.3	
036	343	14.	19.1	+.6	2.9	15.2 +- .7	3.3	
037	340	15.	16.5	+.5	2.9	12.7 +- .6	3.0	
038	339	15.	17.4	+.5	2.6	13.5 +- .7	3.1	
039	153	1.9	23.3	+.7	3.5	19.3 +- .8	3.8	
040	144	2.1	18.7	+.6	3.0	14.0 +- .7	3.2	

TRANSIT DOSE = 3.6 +- .4 ; 1.0

SURRY
FOR THE PERIOD 840615-841010

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.2 \pm 2.9	4
11.25-33.75 (NNE)	17.4 \pm .9	2
33.75-56.25 (NE)	20.8 \pm 0.0	1
56.25-78.75 (ENE)	22.1 \pm 0.0	1
78.75-101.25 (E)	17.8 \pm 0.0	1
101.25-123.75 (ESE)	19.3 \pm 3.2	4
123.75-146.25 (SE)	16.8 \pm 2.7	2
146.25-168.75 (SSE)	16.7 \pm 3.9	3
168.75-191.25 (S)	16.1 \pm 2.8	2
191.25-213.75 (SSW)	16.0 \pm 1.3	3
213.75-236.25 (SW)	13.5 \pm 0.0	1
236.25-258.75 (WSW)	17.7 \pm 3.8	2
258.75-281.25 (W)	20.9 \pm 4.8	3
281.25-303.75 (WNW)	NO DATA \pm NO DATA	0
303.75-326.25 (NW)	22.2 \pm 6.9	2
326.25-348.75 (NNW)	19.1 \pm 6.0	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	20.8 \pm 4.3	9
2-5	16.2 \pm 2.9	10
>5	17.6 \pm 2.8	15
UPWIND CONTROL DATA	13.8 \pm 1.3	3

SUSQUEHANNA
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841004 112 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.		
001	19	1.4	19.1	+ - .6	15.7	+ - .7	
002	0	1.4	21.1	+ - .6	17.7	+ - .8	
003	333	1.7	19.5	+ - .6	16.1	+ - .7	
004	318	1.7	19.9	+ - .6	16.5	+ - .7	
005	287	1.7	20.0	+ - .6	16.6	+ - .7	
006	270	1.3	19.7	+ - .6	16.3	+ - .7	
007	239	1.8	18.9	+ - .6	15.5	+ - .7	
008	217	2	23.0	+ - .7	19.6	+ - .8	
009	200	1.4	20.2	+ - .6	16.8	+ - .7	
010	175	1.2	19.2	+ - .6	15.8	+ - .7	
011	243	5.1	20.1	+ - .6	16.7	+ - .7	
012	252	4.7	21.6	+ - .6	18.1	+ - .8	
013	274	3.4	23.8	+ - .7	20.4	+ - .8	
014	286	3.6	23.8	+ - .7	20.3	+ - .8	
015	2	3.8	24.2	+ - .7	20.7	+ - .8	
016	334	4.1	MISSING OR DAMAGED DOSIMETER				
017	312	4.4	22.7	+ - .7	19.3	+ - .8	
018	32	4.9	22.8	+ - .7	19.3	+ - .8	
019	45	9.9	23.9	+ - .7	20.5	+ - .8	
020	65	4.8	25.3	+ - .8	21.8	+ - .9	
021	44	3.1	26.3	+ - .8	22.8	+ - .9	
022	47	.7	21.1	+ - .6	17.6	+ - .8	
023	65	1.2	21.3	+ - .6	17.9	+ - .8	
024	87	1.4	21.5	+ - .6	18.9	+ - .8	
025	108	1.4	21.5	+ - .6	18.1	+ - .8	
026	137	1.5	22.7	+ - .7	19.2	+ - .8	
027	152	1.5	23.8	+ - .7	20.4	+ - .8	
028	108	3.7	55.5	+ - 1.7	51.7	+ - 1.7	
029	102	4.3	24.5	+ - .7	21.1	+ - .8	
030	140	4.3	24.8	+ - .7	20.5	+ - .8	
031	162	3.4	24.8	+ - .7	20.5	+ - .8	
032	176	3.5	23.5	+ - .7	20.1	+ - .8	
033	192	3.1	26.2	+ - .8	22.7	+ - .9	
034	231	4.4	20.8	+ - .6	17.4	+ - .8	
035	134	12.	23.1	+ - .7	19.7	+ - .8	
036	114	13.	28.5	+ - .9	25.8	+ - 1.0	
037	150	15.	23.5	+ - .7	20.8	+ - .8	
TRANSIT DOSE = 3.2 +- .4 ; 1.9							

SUSQUEHANNA
FOR THE PERIOD 840615-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	19.2 \pm 2.1	2
11.25-33.75 (NNE)	17.5 \pm 2.6	2
33.75-56.25 (NE)	20.3 \pm 2.6	3
56.25-78.75 (ENE)	19.8 \pm 2.8	2
78.75-101.25 (E)	18.0 \pm 0.0	1
101.25-123.75 (ESE)	30.3 \pm 18.6	3
123.75-146.25 (SE)	19.9 \pm .9	2
146.25-168.75 (SSE)	20.4 \pm .1	2
168.75-191.25 (S)	17.9 \pm 3.0	2
191.25-213.75 (SSW)	19.7 \pm 4.2	2
213.75-236.25 (SW)	18.5 \pm 1.6	2
236.25-258.75 (WSW)	16.8 \pm 1.3	3
258.75-281.25 (W)	18.3 \pm 2.9	2
281.25-303.75 (WNW)	18.5 \pm 2.6	2
303.75-326.25 (NW)	17.9 \pm 2.0	2
326.25-348.75 (NNW)	16.1 \pm 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.4 \pm 1.5	18
2-5	22.4 \pm 8.2	15
>5	18.6 \pm 2.7	2
UPWIND CONTROL DATA	21.6 \pm 3.0	3

THREE MILE ISLAND
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840615-841004 112 DAYS
 FIELD TIME 91 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm;	Tot.	mR/Std. Rdm;	Rate
001	95	5.9	18.5	+.6	15.1	+.7
002	101	3.9	22.2	+.7	18.8	+.8
003	109	2.7	21.2	+.6	17.8	+.8
004	163	1.8	20.8	+.6	16.8	+.7
005	161	2.2	20.3	+.6	16.9	+.7
006	150	1	20.1	+.6	16.7	+.7
007	136	.6	18.2	+.5	14.9	+.7
008	83	.4	17.7	+.5	14.3	+.7
009	60	.5	19.3	+.6	15.9	+.7
010	1	1.7	18.7	+.6	15.3	+.7
011	25	.9	18.5	+.6	15.2	+.7
012	46	2.8	19.5	+.6	16.1	+.7
013	19	5.2	19.1	+.6	15.7	+.7
014	358	2.5	18.7	+.6	15.3	+.7
015	133	9.8	21.5	+.6	18.1	+.8
016	0	3.1	21.9	+.7	18.5	+.8
018	349	3.5	23.4	+.7	20.8	+.8
019	343	3.2	20.3	+.6	16.9	+.7
020	318	5	19.8	+.6	15.8	+.7
021	348	1.3	16.4	+.5	13.8	+.6
022	17	3.1	20.7	+.6	17.3	+.7
023	64	3.8	16.7	+.5	13.3	+.6
024	44	3.6	21.7	+.7	18.3	+.8
025	335	8.5	17.8	+.5	13.7	+.7
027	006	7.4	24.9	+.7	21.5	+.8
029	293	8.4	20.1	+.6	16.7	+.7
030	317	1.2	21.5	+.6	18.1	+.8
031	306	9.6	17.4	+.5	14.1	+.7
032	297	7.4	21.5	+.6	18.1	+.8
033	301	5.9	19.8	+.6	16.4	+.7
034	267	2.3	20.3	+.6	16.9	+.7
035	299	1.8	19.9	+.6	16.5	+.7
036	267	1.2	16.8	+.5	12.8	+.6
037	256	1.4	17.4	+.5	14.8	+.7
038	225	1.9	20.1	+.6	16.7	+.7
039	200	2.1	16.6	+.5	13.3	+.6
040	204	2.5	16.9	+.5	13.5	+.6
041	185	13.	19.7	+.6	16.3	+.7
042	259	7.3	18.6	+.6	15.3	+.7
043	268	5.8	23.7	+.7	20.2	+.8
044	263	4.7	18.7	+.6	15.3	+.7
045	238	8.5	18.9	+.6	15.5	+.7
046	177	3	18.4	+.6	15.1	+.7
047	177	5.7	18.9	+.6	15.5	+.7
048	182	9	26.7	+.8	23.2	+.9
049	286	8.9	19.4	+.6	16.8	+.7
TRANSIT DOSE =		3.2 +- .4				

THREE MILE ISLAND
FOR THE PERIOD 840615-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.1 \pm 2.8	5
11.25-33.75 (NNE)	16.1 \pm 1.1	3
33.75-56.25 (NE)	17.2 \pm 1.6	2
56.25-78.75 (ENE)	14.6 \pm 1.8	2
78.75-101.25 (E)	16.1 \pm 2.4	3
101.25-123.75 (ESE)	17.8 \pm 8.0	1
123.75-146.25 (SE)	16.5 \pm 2.3	2
146.25-168.75 (SSE)	16.8 \pm .2	3
168.75-191.25 (S)	17.5 \pm 3.8	4
191.25-213.75 (SSW)	14.8 \pm 1.5	3
213.75-236.25 (SW)	16.1 \pm .9	2
236.25-258.75 (WSW)	NO DATA \pm NO DATA	0
258.75-281.25 (W)	16.9 \pm 2.3	4
281.25-303.75 (WNW)	17.1 \pm .9	3
303.75-326.25 (NW)	15.9 \pm 2.0	3
326.25-348.75 (NNW)	14.5 \pm 2.1	3

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.6 \pm 1.4	14
2-5	16.5 \pm 1.9	17
>5	17.5 \pm 2.8	12
UPWIND CONTROL DATA	14.4 \pm 2.0	3

TROJAN
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840611-841018 130 DAYS
 FIELD TIME 98 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+/-	Rdm; Tot.	mR/Std. Qtr.	+/- Rdm; Tot.
001	340	0.6	15.7	+/- .5	11.0	+/- .6 ; 2.9
002	334	1.5	18.3	+/- .5	13.5	+/- .7 ; 2.2
003	340	1.7	MISSING OR DAMAGED DOSIMETER			
004	328	3.9	16.5	+/- .5	11.0	+/- .6 ; 2.0
005	300	4.4	18.1	+/- .5	13.2	+/- .7 ; 2.2
006	312	4.4	18.7	+/- .5	13.0	+/- .7 ; 2.2
007	257	4.4	17.4	+/- .5	12.5	+/- .6 ; 2.1
008	274	3.3	19.2	+/- .5	14.0	+/- .7 ; 2.3
009	279	1.1	18.4	+/- .5	13.0	+/- .7 ; 2.2
010	263	2.0	18.0	+/- .5	13.0	+/- .7 ; 2.2
011	245	1.1	19.1	+/- .5	14.2	+/- .7 ; 2.3
012	223	1.1	22.5	+/- .7	17.0	+/- .8 ; 2.7
013	196	1.1	18.6	+/- .5	13.0	+/- .7 ; 2.2
014	180	1.1	17.3	+/- .5	12.0	+/- .7 ; 2.1
015	165	1.1	16.0	+/- .5	11.0	+/- .6 ; 2.0
016	212	3.3	18.0	+/- .5	13.0	+/- .7 ; 2.2
017	230	3.3	20.0	+/- .5	15.0	+/- .7 ; 2.3
018	162	3.3	17.0	+/- .5	13.0	+/- .7 ; 2.2
019	172	3.3	20.0	+/- .5	15.0	+/- .7 ; 2.3
020	334	3.3	20.0	+/- .5	15.0	+/- .7 ; 2.3
021	345	3.3	17.0	+/- .5	12.0	+/- .7 ; 2.1
022	356	3.3	15.0	+/- .5	10.0	+/- .6 ; 2.0
023	000	3.3	15.4	+/- .5	10.0	+/- .6 ; 2.0
024	15	3.3	16.9	+/- .5	12.1	+/- .6 ; 2.0
025	27	1.1	16.1	+/- .5	11.5	+/- .6 ; 2.0
026	37	1.1	17.0	+/- .5	13.0	+/- .7 ; 2.2
027	60	1.1	18.3	+/- .5	13.5	+/- .7 ; 2.2
028	55	1.1	17.4	+/- .5	12.7	+/- .7 ; 2.1
029	69	1.1	17.5	+/- .5	12.7	+/- .7 ; 2.1
030	03	1.1	15.5	+/- .5	10.0	+/- .6 ; 2.0
031	93	1.1	18.4	+/- .5	13.6	+/- .7 ; 2.2
032	119	1.1	19.0	+/- .5	14.1	+/- .7 ; 2.3
033	106	1.1	17.6	+/- .5	12.8	+/- .7 ; 2.1
034	134	1.1	15.3	+/- .5	10.7	+/- .6 ; 2.0
035	145	4.4	16.1	+/- .5	11.4	+/- .6 ; 2.0
036	270	17.	MISSING OR DAMAGED DOSIMETER			
037	270	17.	MISSING OR DAMAGED DOSIMETER			
038	270	17.	19.6	+/- .6 ; 2.9	14.7	+/- .7 ; 3.3
TRANSIT DOSE =			3.6	+/- .5 ; 2.1		

TROJAN
FOR THE PERIOD 840611-841018

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	10.8 \pm .1	2
11.25-33.75 (NNE)	11.8 \pm .5	2
33.75-56.25 (NE)	12.8 \pm .3	2
56.25-78.75 (ENE)	13.1 \pm .5	2
78.75-101.25 (E)	12.2 \pm 1.9	2
101.25-123.75 (ESE)	13.5 \pm .8	2
123.75-146.25 (SE)	11.0 \pm .5	2
146.25-168.75 (SSE)	12.5 \pm .6	2
168.75-191.25 (S)	13.8 \pm 1.7	2
191.25-213.75 (SSW)	13.5 \pm .4	2
213.75-236.25 (SW)	16.5 \pm 1.1	2
236.25-258.75 (WSW)	14.2 \pm 0.0	1
258.75-281.25 (W)	13.6 \pm .7	4
281.25-303.75 (WNW)	NO DATA \pm NO DATA	0
303.75-326.25 (NW)	13.5 \pm .4	2
326.25-348.75 (NNW)	12.8 \pm 1.7	5

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	13.3 \pm .7	11
2-5	12.9 \pm 1.4	18
>5	12.8 \pm 1.7	5
UPWIND CONTROL DATA	14.7 \pm 0.0	1

TURKEY POINT
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841009 118 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm;	Tot.	mR/Std. Dtr.	+ Rdm; Tot.
001	310	1.3	13.5	± .4	2.0	9.5 ± .6
002	292	2.4	13.6	± .4	2.0	9.6 ± .6
003	340	1.9	16.0	± .5	2.4	11.9 ± .7
004	354	2.0	13.5	± .4	2.0	9.5 ± .6
005	314	3.0	14.2	± .4	2.1	10.2 ± .6
006	331	4.2	15.2	± .5	2.3	11.1 ± .6
007	291	5.4	14.0	± .4	2.2	10.8 ± .6
008	263	5.1	16.9	± .5	2.5	12.9 ± .7
009	242	5.7	13.0	± .4	2.1	9.0 ± .6
010	234	6.2	13.0	± .4	2.1	9.0 ± .6
011	220	6.2	20.0	± .6	3.1	16.7 ± .8
012	213	6.9	15.3	± .5	2.3	11.2 ± .6
013	199	10.	14.0	± .4	2.1	10.0 ± .6
014	190	10.	14.0	± .4	2.2	10.0 ± .6
015	180	10.	16.1	± .5	2.4	12.1 ± .7
016	171	10.	15.4	± .5	2.3	11.4 ± .6
017	165	9.0	17.0	± .5	2.5	12.9 ± .7
018	203	16.	15.2	± .5	2.3	11.1 ± .6
019	203	16.	14.2	± .4	2.1	10.2 ± .6
020	203	16.	16.7	± .5	2.5	12.7 ± .7
021	268	8.7	14.0	± .4	2.1	10.0 ± .6
022	256	8.0	MISSING OR DAMAGED DOSIMETER			
023	275	9.0	15.5	± .5	2.3	11.4 ± .6
024	285	9.0	16.3	± .5	2.4	12.3 ± .7
025	293	8.7	17.0	± .5	2.7	13.7 ± .7
026	301	8.4	15.9	± .5	2.4	11.9 ± .7
027	311	8.3	15.5	± .5	2.3	11.5 ± .6
028	327	8.2	18.3	± .5	2.7	14.2 ± .7
029	339	9.3	16.4	± .5	2.5	12.4 ± .7
030	350	9.7	16.6	± .5	2.5	12.6 ± .7
031	359	9.9	16.0	± .5	2.4	11.9 ± .7
032	2 /	10.	15.4	± .5	2.3	11.3 ± .6
033	12 /	11.	16.5	± .5	2.5	12.5 ± .7
034	18 /	14.	16.9	± .5	2.5	12.0 ± .7
035	20 /	22.	16.0	± .5	2.4	12.0 ± .7
036	15	0.3	14.0	± .4	2.1	10.0 ± .6
037	228	0.5	13.0	± .5	2.4	11.7 ± .6
TRANSIT DOSE = 3.0 ± .5			± .5	2.0		

TURKEY POINT
FOR THE PERIOD 840614-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.3 \pm 1.3	4
11.25-33.75 (NNE)	11.8 \pm 1.2	4
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	12.8 \pm 0.0	1
168.75-191.25 (S)	11.4 \pm .6	3
191.25-213.75 (SSW)	10.6 \pm .8	2
213.75-236.25 (SW)	12.7 \pm 3.6	3
236.25-258.75 (WSW)	9.8 \pm 0.0	1
258.75-281.25 (W)	11.4 \pm 1.4	3
281.25-303.75 (WNW)	11.6 \pm 1.5	5
303.75-326.25 (NW)	10.4 \pm 1.0	3
326.25-348.75 (NNW)	12.4 \pm 1.3	4

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	10.5 \pm 1.2	5
2-5	10.3 \pm .8	3
>5	12.0 \pm 1.5	25
UPWIND CONTROL DATA	11.3 \pm 1.2	3

VERMONT YANKEE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840611-840926 108 DAYS
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
002	158	1	MISSING	OR	DAMAGED	DOSIMETER
003	184	1.3	19.4 +- .6	:	2.9	NO NET DATA
004	201	1.4	20.7 +- .6	:	3.1	NO NET DATA
005	220	1.6	19.6 +- .6	:	2.9	NO NET DATA
006	157	3.4	19.5 +- .6	:	2.9	NO NET DATA
007	189	4.9	19.4 +- .6	:	2.9	NO NET DATA
008	201	13.	18.6 +- .6	:	2.8	NO NET DATA
009	208	5.8	19.4 +- .6	:	2.9	NO NET DATA
010	232	3.7	22.6 +- .7	:	3.4	NO NET DATA
011	277	2.9	20.5 +- .6	:	3.1	NO NET DATA
012	292	1.4	21.4 +- .6	:	3.2	NO NET DATA
013	314	1.4	19.5 +- .6	:	2.9	NO NET DATA
014	310	4.2	18.9 +- .6	:	2.8	NO NET DATA
015	299	4.3	19.1 +- .6	:	2.9	NO NET DATA
016	270	4.5	18.3 +- .5	:	2.7	NO NET DATA
017	331	5	20.2 +- .6	:	3.0	NO NET DATA
018	290	18.	MISSING	OR	DAMAGED	DOSIMETER
019	290	18.	MISSING	OR	DAMAGED	DOSIMETER
020	290	18.	MISSING	OR	DAMAGED	DOSIMETER
021	359	3.2	20.0 +- .6	:	3.0	NO NET DATA
023	334	2.2	19.8 +- .6	:	3.0	NO NET DATA
024	4	.9	19.5 +- .6	:	2.9	NO NET DATA
025	30	1	18.4 +- .6	:	2.8	NO NET DATA
026	72	1.5	19.6 +- .6	:	2.9	NO NET DATA
027	44	.7	21.0 +- .6	:	3.2	NO NET DATA
028	39	2.8	22.4 +- .7	:	3.4	NO NET DATA
029	25	3.8	24.3 +- .7	:	3.6	NO NET DATA
030	72	2.7	22.0 +- .7	:	3.3	NO NET DATA
031	85	2	20.9 +- .6	:	3.1	NO NET DATA
032	111	1.8	20.0 +- .6	:	3.0	NO NET DATA
033	134	4	18.6 +- .6	:	2.8	NO NET DATA
034	151	6	17.2 +- .5	:	2.6	NO NET DATA
035	111	4.3	22.1 +- .7	:	3.3	NO NET DATA
036	92	4.7	22.6 +- .7	:	3.4	NO NET DATA
037	50	15	23.0 +- .7	:	3.4	NO NET DATA
039	222	.3	21.5 +- .6	:	3.2	NO NET DATA
040	250	3	19.9 +- .6	:	3.0	NO NET DATA

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

VERMONT YANKEE
FOR THE PERIOD 840611-840926

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.5 \pm .3	2
11.25-33.75 (NNE)	17.8 \pm 3.4	2
33.75-56.25 (NE)	19.1 \pm 0.0	1
56.25-78.75 (ENE)	18.3 \pm 0.0	1
78.75-101.25 (E)	18.1 \pm 1.0	2
101.25-123.75 (ESE)	17.5 \pm 1.3	2
123.75-146.25 (SE)	15.5 \pm 0.0	1
146.25-168.75 (SSE)	15.3 \pm 1.4	2
168.75-191.25 (S)	16.1 \pm .0	2
191.25-213.75 (SSW)	16.3 \pm .9	3
213.75-236.25 (SW)	17.7 \pm 1.3	3
236.25-258.75 (WSW)	16.6 \pm 0.0	1
258.75-281.25 (W)	16.1 \pm 1.3	2
281.25-303.75 (WNW)	16.8 \pm 1.4	2
303.75-326.25 (NW)	16.0 \pm .3	2
326.25-348.75 (NNW)	16.8 \pm .2	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	16.7 \pm .8	10
2-5	17.0 \pm 1.4	16
>5	16.3 \pm 2.1	4
UPWIND CONTROL DATA	17.5 \pm 1.2	3

WASHINGTON NUCLEAR 2
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840611-841017 129 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS		NET EXPOSURE RATE	
	AZIMUTH/ (deg.)	DIST (mi.)	EXPOSURE(mR) +- Rdm;Tot.		MR/Std. Dev. +- Rdm;Tot.	
001	174	12.	20.4 +- .6		16.0 +- .7	
002	163	11.	19.1 +- .6		15.5 +- .7	
003	161	9.0	19.5 +- .6		15.9 +- .7	
004	152	5.0	20.9 +- .6		17.3 +- .7	
005	195	2.0	19.7 +- .6		16.1 +- .7	
006	220	1.0	MISSING OR DAMAGED	DOSIMETER		
007	92	3.0	21.3 +- .6		17.3 +- .7	
008	155	1.0	18.3 +- .6		14.7 +- .7	
009	130	0.5	20.1 +- .6		16.5 +- .7	
010	70	0.5	20.2 +- .6		16.7 +- .7	
011	25	0.5	20.3 +- .6		16.7 +- .7	
012	315	0.5	20.4 +- .6		16.8 +- .7	
013	290	0.5	20.0 +- .6		17.0 +- .7	
014	270	0.5	19.7 +- .6		16.1 +- .7	
015	245	1.1	20.1 +- .6		16.5 +- .7	
016	285	3.0	21.2 +- .6		17.3 +- .7	
017	240	4.0	18.9 +- .6		15.6 +- .7	
018	190	7.0	19.0 +- .6		15.4 +- .7	
019	173	8.0	19.4 +- .6		15.7 +- .7	
020	150	20.0	19.7 +- .6		16.1 +- .7	
021	114	7.0	21.0 +- .6		17.3 +- .7	
022	120	0.5	20.1 +- .6		16.5 +- .7	
023	134	0.5	22.0 +- .6		18.0 +- .7	
024	110	4.0	23.5 +- .6		19.0 +- .7	
025	85	0.5	20.9 +- .6		17.3 +- .7	
026	65	0.5	21.9 +- .6		18.0 +- .7	
027	53	4.0	19.0 +- .6		15.4 +- .7	
028	44	0.5	22.4 +- .6		18.0 +- .7	
029	33	10.0	19.1 +- .6		15.7 +- .7	
030	0	0.5	21.4 +- .6		17.3 +- .7	
031	215	15.0	19.5 +- .6		16.0 +- .7	
TRANSIT DOSE =	3.2	+- .4	1.9			

WASHINGTON NUCLEAR 2
FOR THE PERIOD 840611-841017

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.8 \pm 0.0	1
11.25-33.75 (NNE)	16.1 \pm .8	2
33.75-56.25 (NE)	17.1 \pm 2.4	2
56.25-78.75 (ENE)	17.4 \pm 1.2	2
78.75-101.25 (E)	17.4 \pm .3	2
101.25-123.75 (ESE)	17.9 \pm 1.8	3
123.75-146.25 (SE)	17.4 \pm 1.3	2
146.25-168.75 (SSE)	15.9 \pm .9	5
168.75-191.25 (S)	15.8 \pm 0.0	1
191.25-213.75 (SSW)	15.7 \pm .5	2
213.75-236.25 (SW)	NO DATA \pm NO DATA	0
236.25-258.75 (WSW)	15.9 \pm .8	2
258.75-281.25 (W)	16.1 \pm 0.0	1
281.25-303.75 (WNW)	17.4 \pm .3	2
303.75-326.25 (NW)	16.8 \pm 0.0	1
326.25-348.75 (NNW)	NO DATA \pm NO DATA	0

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.4 \pm .7	9
2-5	17.3 \pm 1.5	8
>5	16.6 \pm 1.2	11
UPWIND CONTROL DATA	16.3 \pm .7	2

WATERFORD
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840618-841004 109 DAYS
 FIELD TIME 79 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE			
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm;	Tot.	mR/Std. Qtr.	+ Rdm; Tot.		
001	101	0.4	19.8	+- .6	18.7	+- .9	4.1	
002	116	1.1	19.8	+- .6	18.7	+- .9	4.1	
003	132	1.3	18.6	+- .6	17.4	+- .9	4.0	
004	168	1.8	18.7	+- .6	17.4	+- .9	4.0	
005	183	1.4	16.9	+- .6	15.5	+- .9	3.8	
006	202	1.2	19.3	+- .6	18.2	+- .9	4.1	
007	226	1.2	17.8	+- .6	16.4	+- .9	3.9	
008	248	1.3	20.2	+- .6	19.2	+- .9	4.1	
009	265	1.9	19.5	+- .6	18.4	+- .9	4.1	
010	186	4.2	19.9	+- .6	18.8	+- .9	4.0	
011	315	4.4	19.1	+- .6	17.9	+- .9	4.0	
012	328	4.1	20.1	+- .6	19.1	+- .9	4.0	
013	309	0.8	19.8	+- .6	18.8	+- .9	4.0	
014	273	0.9	22.3	+- .6	21.3	+- .9	4.5	
015	292	0.8	MISSING OR DAMAGED DOSIMETER					
016	335	0.5	17.8	+- .6	15.5	+- .8	3.8	
017	120	4.3	17.8	+- .6	15.6	+- .8	3.8	
018	145	3.5	MISSING OR DAMAGED DOSIMETER					
019	153	0.1	18.5	+- .6	17.3	+- .8	4.0	
020	133	0.1	18.6	+- .6	17.4	+- .8	4.0	
021	116	6.7	18.8	+- .6	16.7	+- .8	3.9	
022	95	4.3	18.9	+- .6	17.7	+- .8	4.0	
023	86	2.6	16.4	+- .6	14.9	+- .8	3.7	
024	86	4.2	21.9	+- .6	21.2	+- .9	4.4	
025	37	3.5	20.8	+- .6	19.8	+- .9	4.2	
026	23	3.8	18.2	+- .6	16.9	+- .8	3.9	
027	350	4.9	18.4	+- .6	17.2	+- .8	4.0	
028	335	5.0	19.6	+- .6	18.6	+- .9	4.1	
029	6	2.8	16.8	+- .6	15.3	+- .8	3.7	
030	356	1.1	17.1	+- .6	15.7	+- .8	3.8	
031	15	0.8	20.4	+- .6	19.4	+- .9	4.2	
032	40	0.8	18.4	+- .6	17.1	+- .8	4.0	
033	69	1.1	MISSING OR DAMAGED DOSIMETER					
034	292	15.	19.8	+- .6	17.9	+- .8	4.0	
035	202	27.	23.8	+- .7	22.4	+- 1.0	4.6	
036	268	21.	19.8	+- .6	17.9	+- .8	4.0	
TRANSIT DOSE = 3.3 +- .5 ; 2.1								

WATERFORD
FOR THE PERIOD 840618-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.1 \pm 1.0	3
11.25-33.75 (NNE)	18.2 \pm 1.8	2
33.75-56.25 (NE)	18.1 \pm 1.3	2
56.25-78.75 (ENE)	21.2 \pm 0.0	1
78.75-101.25 (E)	17.1 \pm 2.0	3
101.25-123.75 (ESE)	17.0 \pm 1.6	3
123.75-146.25 (SE)	17.4 \pm 0.0	2
146.25-168.75 (SSE)	17.4 \pm .1	2
168.75-191.25 (S)	17.2 \pm 2.4	2
191.25-213.75 (SSW)	18.2 \pm 0.0	1
213.75-236.25 (SW)	16.4 \pm 0.0	1
236.25-258.75 (WSW)	19.2 \pm 0.0	1
258.75-281.25 (W)	20.0 \pm 2.3	2
281.25-303.75 (WNW)	NO DATA \pm NO DATA	0
303.75-326.25 (NW)	18.4 \pm .6	2
326.25-348.75 (NNW)	17.7 \pm 1.9	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.9 \pm 1.7	15
2-5	17.7 \pm 1.8	12
>5	17.1 \pm .4	3
UPWIND CONTROL DATA	19.4 \pm 2.6	3

WATTS BAR
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841009 118 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std. Qtr.	+ Rdm; Tot.
001	337	0.9	22.2	+.7	17.7	+.8
002	314	2.1	21.2	+.6	16.7	+.8
003	297	1.9	22.3	+.7	17.8	+.8
004	272	2.8	21.4	+.6	16.9	+.8
005	251	1.9	23.3	+.7	18.8	+.9
006	235	1.8	27.4	+.8	22.9	+.9
007	230	3.0	24.8	+.7	19.9	+.8
008	208	3.5	24.5	+.7	19.6	+.8
009	249	4.2	21.2	+.6	16.7	+.8
010	266	3.1	22.9	+.7	18.4	+.8
011	289	3.3	19.5	+.6	15.8	+.7
012	310	4.7	20.8	+.7	16.6	+.8
013	337	3.6	17.6	+.6	13.9	+.7
014	330	7.9	18.6	+.7	14.9	+.8
015	350	4.7	25.8	+.8	20.9	+.9
016	7	1.1	MISSING OR DAMAGED DOSIMETER			
017	23	1.1	18.7	+.6	14.7	+.7
018	41	2.9	22.2	+.7	17.7	+.8
019	69	1.3	25.8	+.8	21.8	+.9
020	89	1.2	28.4	+.9	23.4	+.9
021	114	1.1	22.3	+.7	17.8	+.8
022	141	1.9	27.1	+.8	22.1	+.9
023	163	1.1	29.3	+.9	24.3	+.9
024	187	1.1	23.4	+.7	18.4	+.8
025	203	1.2	25.3	+.8	20.3	+.8
026	184	5.9	21.6	+.7	16.6	+.8
027	176	4.9	23.3	+.7	18.3	+.8
028	161	3.9	21.0	+.6	16.0	+.7
029	144	3.9	23.2	+.7	18.2	+.8
030	117	3.1	23.1	+.7	18.1	+.8
031	97	4.0	22.5	+.7	18.5	+.8
032	76	4.1	23.7	+.7	19.7	+.8
033	32	4.1	22.2	+.7	17.7	+.8
034	36	4.7	19.7	+.6	15.7	+.7
035	338	18.	20.3	+.6	15.3	+.7
036	338	18.	18.9	+.6	14.9	+.7
037	338	18.	22.2	+.7	17.7	+.8

TRANSIT DOSE = 4.1 +- .5 ; 2.1

WATTS BAR
FOR THE PERIOD 840614-841009

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
348.75-11.25 (N)	20.5 \pm 0.0	1
11.25-33.75 (NNE)	16.0 \pm 2.5	2
33.75-56.25 (NE)	16.5 \pm 1.7	2
56.25-78.75 (ENE)	20.1 \pm 1.3	2
78.75-101.25 (E)	20.9 \pm 4.0	2
101.25-123.75 (ESE)	18.2 \pm .6	2
123.75-146.25 (SE)	20.6 \pm 2.7	2
146.25-168.75 (SSE)	20.6 \pm 5.7	2
168.75-191.25 (S)	18.0 \pm 1.3	3
191.25-213.75 (SSW)	20.3 \pm .6	2
213.75-236.25 (SW)	21.5 \pm 1.0	2
236.25-258.75 (WSW)	17.7 \pm 1.5	2
258.75-281.25 (W)	17.3 \pm .6	2
281.25-303.75 (WNW)	16.4 \pm 2.0	2
303.75-326.25 (NW)	16.5 \pm .2	2
326.25-348.75 (NNW)	15.0 \pm 2.4	3

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std. Dev.	# IN GROUP
0-2	19.8 \pm 3.0	13
2-5	17.6 \pm 1.9	18
>5	15.3 \pm 1.6	2
UPWIND CONTROL DATA	16.0 \pm 1.6	3

WOLF CR.
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840614-841017 126 DAYS
 FIELD TIME 92 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Dtr. + Rdm; Tot.	
001	316	2.0	22.2	+- .7	16.0	+- .00
002	330	1.0	21.5	+- .6	15.4	+- .00
003	360	2.0	21.5	+- .6	15.4	+- .00
004	355	1.0	22.0	+- .7	16.6	+- .00
005	031	1.0	22.4	+- .7	16.2	+- .00
006	047	2	20.9	+- .6	14.0	+- .00
007	70	1.6	21.7	+- .7	15.6	+- .00
008	90	1.7	22.2	+- .7	16.0	+- .00
009	111	2.4	21.3	+- .6	15.1	+- .00
010	137	2.5	23.7	+- .7	17.5	+- .00
011	157	3.4	23.0	+- .7	16.0	+- .00
012	184	3.3	21.2	+- .6	15.1	+- .00
013	213	3.9	21.4	+- .6	15.3	+- .00
014	233	2.4	21.7	+- .7	15.6	+- .00
015	248	2.2	22.1	+- .7	16.0	+- .00
016	278	1.1	23.5	+- .7	17.3	+- .00
017	270	3.4	18.5	+- .6	12.4	+- .00
018	263	4.2	22.0	+- .7	16.6	+- .00
020	200	3.9	20.0	+- .6	14.6	+- .00
021	298	3.9	22.1	+- .7	16.0	+- .00
022	319	4.0	20.5	+- .6	14.4	+- .00
023	332	5.0	23.0	+- .7	16.0	+- .00
024	019	3.9	22.2	+- .7	16.1	+- .00
025	35	4.4	19.7	+- .6	13.6	+- .00
026	67	4.3	20.6	+- .6	14.4	+- .00
027	88	4.1	20.3	+- .7	17.1	+- .00
028	110	4.5	22.0	+- .7	16.7	+- .00
029	128	4.4	23.4	+- .7	17.2	+- .00
030	112	16.4	20.0	+- .6	14.6	+- .00
031	127	9.4	19.7	+- .6	13.6	+- .00
032	162	11	19.9	+- .6	13.0	+- .00
033	153	5.2	22.0	+- .7	15.0	+- .00
034	174	4.7	22.6	+- .7	16.4	+- .00
035	197	5.2	21.6	+- .6	15.0	+- .00
036	224	4.8	20.5	+- .6	14.3	+- .00
037	220	14.	18.4	+- .6	12.3	+- .00
038	253	6.5	21.1	+- .6	15.0	+- .00
039	278	10.	21.7	+- .6	15.5	+- .00
040	285	15.	19.4	+- .6	13.3	+- .00
041	292	6.7	21.9	+- .7	15.7	+- .00
042	345	13	23.1	+- .7	16.9	+- .00
043	005	7.5	22.4	+- .7	16.2	+- .00
044	020	8.3	22.8	+- .7	16.6	+- .00
045	315	7.5	23.4	+- .7	17.2	+- .00
046	341	7.7	23.7	+- .7	17.5	+- .00
047	355	1	21.6	+- .6	15.5	+- .00

TRANSIT DOSE = 5.8 +- .5 ; 2.2

WOLF CR.
FOR THE PERIOD 840614-841017

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.8 \pm .8	4
11.25-33.75 (NNE)	16.3 \pm .3	3
33.75-56.25 (NE)	14.2 \pm .9	2
56.25-78.75 (ENE)	15.0 \pm .8	2
78.75-101.25 (E)	16.6 \pm .8	2
101.25-123.75 (ESE)	15.5 \pm 1.1	3
123.75-146.25 (SE)	16.1 \pm 2.2	3
146.25-168.75 (SSE)	15.5 \pm 1.6	3
168.75-191.25 (S)	15.7 \pm .9	2
191.25-213.75 (SSW)	15.3 \pm .2	2
213.75-236.25 (SW)	14.1 \pm 1.6	3
236.25-258.75 (WSW)	15.5 \pm .7	2
258.75-281.25 (W)	15.3 \pm 1.9	5
281.25-303.75 (WNW)	15.0 \pm 1.5	3
303.75-326.25 (NW)	15.9 \pm 1.4	3
326.25-348.75 (NNW)	16.6 \pm .9	4

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	15.7 \pm .8	7
2-5	15.7 \pm 1.3	24
>5	15.3 \pm 1.5	15
UPWIND CONTROL DATA	NO DATA	NO DATA

YANKEE ROWE
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840618-841017 122 DAYS
 FIELD TIME 97 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	0	.8	25.0 +- .8	3.8	NO NET DATA	
005	85	2.2	21.5 +- .6	3.2	NO NET DATA	
006	118	2.6	22.7 +- .7	3.4	NO NET DATA	
007	137	2.1	22.2 +- .7	3.3	NO NET DATA	
008	153	1.7	21.8 +- .7	3.3	NO NET DATA	
009	176	1.1	20.7 +- .6	3.1	NO NET DATA	
010	203	.5	22.6 +- .7	3.4	NO NET DATA	
011	219	.6	21.5 +- .6	3.2	NO NET DATA	
012	239	1.1	27.3 +- .8	4.1	NO NET DATA	
013	272	1.0	24.3 +- .7	3.6	NO NET DATA	
014	292	1.3	25.7 +- .8	3.8	NO NET DATA	
015	315	1.6	24.8 +- .7	3.7	NO NET DATA	
016	348	1.4	23.7 +- .7	3.6	NO NET DATA	
017	358	.0	MISSING OR DAMAGED DOSIMETER			
018	21	.0	20.4 +- .6	3.1	NO NET DATA	
019	43	.0	22.3 +- .7	3.3	NO NET DATA	
020	75	.0	23.1 +- .7	3.5	NO NET DATA	
021	98	.0	19.7 +- .6	3.0	NO NET DATA	
022	104	.0	18.9 +- .6	3.0	NO NET DATA	
023	133	.0	18.4 +- .6	3.0	NO NET DATA	
024	157	.0	19.7 +- .6	3.0	NO NET DATA	
025	184	.0	22.2 +- .7	3.3	NO NET DATA	
027	225	.0	23.6 +- .7	3.5	NO NET DATA	
029	269	.0	23.1 +- .7	3.5	NO NET DATA	
032	342	.0	22.4 +- .7	3.4	NO NET DATA	
034	48	.0	21.7 +- .7	3.3	NO NET DATA	
035	39	.0	20.5 +- .6	3.1	NO NET DATA	
047	260	.0	22.6 +- .7	3.4	NO NET DATA	
048	261	.0	MISSING OR DAMAGED DOSIMETER			

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

YANKEE ROWE
FOR THE PERIOD 840618-841017

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.4 \pm 0.0	1
11.25-33.75 (NNE)	15.0 \pm 0.0	1
33.75-56.25 (NE)	15.8 \pm .7	3
56.25-78.75 (ENE)	17.0 \pm 0.0	1
78.75-101.25 (E)	15.2 \pm .9	2
101.25-123.75 (ESE)	15.3 \pm 2.0	2
123.75-146.25 (SE)	14.9 \pm 2.0	2
146.25-168.75 (SSE)	15.3 \pm 1.1	2
168.75-191.25 (S)	15.8 \pm .8	2
191.25-213.75 (SSW)	16.7 \pm 0.0	1
213.75-236.25 (SW)	16.6 \pm 1.1	2
236.25-258.75 (WSW)	20.1 \pm 0.0	1
258.75-281.25 (W)	17.4 \pm .6	2
281.25-303.75 (WNW)	18.9 \pm 0.0	1
303.75-326.25 (NW)	18.3 \pm 0.0	1
326.25-348.75 (NNW)	17.0 \pm .7	2

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	17.5 \pm 1.5	10
2-5	16.1 \pm .8	7
>5	15.5 \pm 1.4	9
UPWIND CONTROL DATA	16.6 \pm 0.0	1

ZION
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
 FOR THE PERIOD 840730-841004 67 DAYS
 FIELD TIME 49 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.)	(mi.)	+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	287	1.0	MISSING OR DAMAGED DOSIMETER			
002	192	1.0	10.0 +- .3	1.5	NO NET DATA	
003	187	1.5	11.3 +- .3	1.7	NO NET DATA	
004	227	2.4	13.0 +- .4	2.0	NO NET DATA	
005	257	1.0	13.1 +- .4	2.0	NO NET DATA	
006	264	1.2	12.4 +- .4	1.9	NO NET DATA	
007	287	1.6	13.0 +- .4	1.9	NO NET DATA	
008	320	1.0	11.7 +- .3	1.7	NO NET DATA	
009	343	2.0	12.5 +- .4	1.9	NO NET DATA	
010	356	4.5	11.0 +- .3	1.6	NO NET DATA	
011	337	4.5	12.6 +- .4	1.9	NO NET DATA	
012	010	4.0	14.3 +- .4	2.1	NO NET DATA	
013	293	3.5	14.5 +- .4	2.2	NO NET DATA	
014	280	4.5	13.9 +- .4	2.1	NO NET DATA	
015	239	3.0	13.0 +- .4	2.0	NO NET DATA	
016	227	3.5	13.1 +- .4	2.0	NO NET DATA	
017	210	4.5	12.6 +- .4	1.9	NO NET DATA	
018	206	2.0	11.9 +- .4	1.8	NO NET DATA	
019	342	2.7	11.7 +- .4	1.8	NO NET DATA	
020	197	14.	14.0 +- .4	2.2	NO NET DATA	
021	352	7.9	10.3 +- .3	1.5	NO NET DATA	
022	348	0.0	12.4 +- .4	1.9	NO NET DATA	
023	336	0.5	11.7 +- .4	1.8	NO NET DATA	
024	314	5.0	MISSING OR DAMAGED DOSIMETER			
025	220	6.0	11.9 +- .4	1.8	NO NET DATA	
026	195	0.0	11.9 +- .4	1.8	NO NET DATA	
028	197	14.	14.4 +- .4	2.2	NO NET DATA	
030	320	9.0	14.5 +- .4	2.2	NO NET DATA	
031	229	0.0	12.8 +- .4	1.9	NO NET DATA	

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

ZION
FOR THE PERIOD 840730-841004

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.3 \pm .6	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	15.2 \pm 0.0	1
191.25-213.75 (SSW)	15.5 \pm 1.5	4
213.75-236.25 (SW)	17.1 \pm .7	4
236.25-258.75 (WSW)	17.5 \pm .0	2
258.75-281.25 (W)	17.7 \pm 1.4	2
281.25-303.75 (WNW)	18.4 \pm 1.4	2
303.75-326.25 (NW)	18.1 \pm 2.1	3
326.25-348.75 (NNW)	16.3 \pm .6	5

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) \pm Std.Dev.	# IN GROUP
0-2	16.0 \pm 1.6	6
2-5	17.2 \pm 1.4	12
>5	16.4 \pm 1.7	7
UPHIND CONTROL DATA	19.6 \pm .4	2

BIBLIOGRAPHIC DATA SHEET

NUREG-0837
Vol. 4, No. 3

SEE INSTRUCTIONS ON THE REVERSE

2. TITLE AND SUBTITLE

NRC TLD Direct Radiation Monitoring Report
Progress Report
July-September 1984

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12. SUPPLEMENTARY NOTES

13. 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 facility sites throughout the country for the third quarter of 1984.

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Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network
ambient radiation levels

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