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# NRC TLD Direct Radiation Monitoring Network

Progress Report  
January-March 1985

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**U.S. Nuclear Regulatory  
Commission**

NRC Region I

J. Jang, M. Kramaric, L. Cohen



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J. Jang, M. Kramaric, L. Cohen\*

\*Headquarters, USNRC

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



## Preface

The U. S. Nuclear Regulatory Commission (NRC) Direct Radiation Monitoring Network is operated by the NRC in cooperation with participating states to provide continuous measurement of the ambient radiation levels around licensed NRC facilities, primarily power reactors. Ambient radiation levels result from naturally occurring radionuclides present in the soil, cosmic radiation constantly bombarding the earth from outer space, and the contribution, if any, from the monitored facilities and other man-made sources. The Network is intended to measure radiation levels during routine facility operations and to establish background radiation levels used to assess the radiological impact of an unusual condition, such as an accident. This report presents the radiation levels measured around all facilities in the Network for the first quarter of 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, NUREG/CR-3120, and NUREG/CR-3775.

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

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



The uncertainties are listed in the following format:

$$X \pm S_x; U_x$$

where  $X$  = value of the result

$S_x$  = random uncertainty expressed as one standard deviation

$U_x$  = combined total uncertainty

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

One site, Vogtle, has been added in this report. The TLD monitoring program for Vogtle will be continued.

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 First Quarter, 1985

- |                                 |                          |
|---------------------------------|--------------------------|
| 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              | 60. Susquehanna          |
| 25. Ginna                       | 61. Three Mile Island    |
| 26. Grand Gulf                  | 62. Trojan               |
| 27. Haddam Neck                 | 63. Turkey Point         |
| 28. Harris                      | 64. Vermont Yankee       |
| 29. Hatch                       | 65. Vogtle               |
| 30. Indian Point                | 66. Washington Nuclear 2 |
| 31. Kewaunee/Point Beach        | 67. Waterford            |
| 32. Lacrosse                    | 68. Watts Barr           |
| 33. LaSalle                     | 69. Wolf Creek           |
| 34. Limerick                    | 70. Yankee Rowe          |
| 35. Maine Yankee                | 71. Zion                 |
| 36. McGuire                     |                          |

[illegible]

ARKANSAS  
FOR THE PERIOD 841213-850402

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.3 $\pm$ 1.3	6
11.25-33.75 (NNE)	16.4 $\pm$ .8	2
33.75-56.25 (NE)	17.7 $\pm$ 2.2	2
56.25-78.75 (ENE)	21.9 $\pm$ 4.2	2
78.75-101.25 (E)	17.4 $\pm$ .2	2
101.25-123.75 (ESE)	17.7 $\pm$ 1.0	5
123.75-146.25 (SE)	14.9 $\pm$ 1.0	2
146.25-168.75 (SSE)	18.6 $\pm$ 0.0	1
168.75-191.25 (S)	17.2 $\pm$ .4	2
191.25-213.75 (SSW)	18.0 $\pm$ 3.9	2
213.75-236.25 (SW)	16.7 $\pm$ 4.3	2
236.25-258.75 (WSW)	16.0 $\pm$ 1.3	2
258.75-281.25 (W)	18.2 $\pm$ 1.0	2
281.25-303.75 (WNW)	17.2 $\pm$ .8	2
303.75-326.25 (NW)	16.9 $\pm$ .7	3
326.25-348.75 (NNW)	17.0 $\pm$ 1.1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.0 $\pm$ 1.0	11
2-5	16.7 $\pm$ 2.5	16
>5	17.8 $\pm$ 1.5	12
UPWIND CONTROL DATA	NO DATA	NO DATA

BEAVER VALLEY  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850402 108 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	344	16.	18.5	+ - .6	2.8	16.9	+ - .7	5.5
002	006	13.	19.4	+ - .6	2.9	17.9	+ - .7	5.6
004	31	12	20.8	+ - .6	3.1	19.4	+ - .7	5.7
005	55	8.4	20.1	+ - .6	3.0	18.6	+ - .7	5.7
006	60	9.5	20.3	+ - .6	3.0	18.9	+ - .7	5.7
007	97	8	20.6	+ - .6	3.1	19.1	+ - .7	5.7
008	110	4.3	MISSING OR DAMAGED DOSIMETER					
009	110	2.2	22.1	+ - .7	3.3	20.7	+ - .8	5.8
010	91	2.4	21.0	+ - .6	3.2	19.6	+ - .7	5.7
011	77	3.7	20.6	+ - .6	3.1	19.2	+ - .7	5.7
012	153	4.2	21.7	+ - .6	3.2	20.3	+ - .8	5.8
013	170	4.4	20.1	+ - .6	3.0	18.7	+ - .7	5.7
014	190	4.4	20.9	+ - .6	3.1	19.5	+ - .7	5.7
015	208	3.5	20.3	+ - .6	3.0	18.9	+ - .7	5.7
016	264	5.6	19.8	+ - .6	3.0	18.3	+ - .7	5.6
017	270	6.3	20.6	+ - .6	3.1	19.1	+ - .7	5.7
018	232	2.4	20.6	+ - .6	3.1	19.2	+ - .7	5.7
019	267	2.3	21.3	+ - .6	3.2	19.9	+ - .8	5.8
020	294	3.4	18.8	+ - .6	2.8	17.3	+ - .7	5.5
021	286	1.4	22.9	+ - .7	3.4	21.5	+ - .8	5.9
022	220	1.3	19.2	+ - .6	3.0	17.7	+ - .7	5.6
023	255	2.3	23.1	+ - .7	3.5	21.8	+ - .8	5.9
024	209	2.1	20.2	+ - .6	3.0	18.8	+ - .7	5.7
025	186	2.1	20.9	+ - .6	3.1	19.5	+ - .7	5.7
026	190	2.2	20.6	+ - .6	3.1	19.1	+ - .7	5.7
027	125	2	22.2	+ - .7	3.3	20.9	+ - .8	5.9
028	87	1.6	21.4	+ - .6	3.2	20.0	+ - .8	5.8
029	59	1.5	20.5	+ - .6	3.1	19.0	+ - .7	5.7
030	50	1.2	20.0	+ - .6	3.0	18.5	+ - .7	5.6
031	320	1.2	21.9	+ - .7	3.3	20.5	+ - .8	5.8
032	325	0.5	21.3	+ - .6	3.2	19.9	+ - .7	5.8
033	341	0.5	20.7	+ - .6	3.1	19.3	+ - .7	5.7
034	343	0.2	19.6	+ - .6	2.9	18.1	+ - .7	5.6
035	9	0.6	21.0	+ - .6	3.2	19.5	+ - .7	5.7
036	14	0.3	22.8	+ - .7	3.4	21.3	+ - .8	5.9
037	37	0	18.4	+ - .6	2.8	16.8	+ - .7	5.5
038	22	1.8	21.0	+ - .6	3.2	19.5	+ - .7	5.7
039	351	1.6	20.4	+ - .6	3.1	18.9	+ - .7	5.7
040	344	16.	19.4	+ - .6	2.9	17.9	+ - .7	5.6
041	344	16.	18.2	+ - .5	2.7	16.6	+ - .7	5.5
TRANSIT DOSE = 2.7 + - .3 ; 4.3								

BEAVER VALLEY  
FOR THE PERIOD 841217-850402

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.8 $\pm$ .9	3
11.25-33.75 (NNE)	20.2 $\pm$ 1.1	3
33.75-56.25 (NE)	18.0 $\pm$ 1.0	3
56.25-78.75 (ENE)	13.0 $\pm$ .2	3
78.75-101.25 (E)	19.6 $\pm$ .4	3
101.25-123.75 (ESE)	20.7 $\pm$ 0.0	1
123.75-146.25 (SE)	20.9 $\pm$ 0.0	1
146.25-168.75 (SSE)	20.3 $\pm$ 0.0	1
168.75-191.25 (S)	19.2 $\pm$ .4	4
191.25-213.75 (SSW)	18.8 $\pm$ .1	2
213.75-236.25 (SW)	18.4 $\pm$ 1.1	2
236.25-258.75 (WSW)	21.8 $\pm$ 0.0	1
258.75-281.25 (W)	19.1 $\pm$ .8	3
281.25-303.75 (WNW)	19.4 $\pm$ 3.1	2
303.75-326.25 (NW)	20.2 $\pm$ .5	2
326.25-348.75 (NNW)	18.7 $\pm$ .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	19.8 $\pm$ 1.2	9
2-5	19.5 $\pm$ 1.2	19
>5	18.7 $\pm$ .5	8
UPWIND CONTROL DATA	17.1 $\pm$ .7	3

BIG ROCK  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850416 125 DAYS  
 FIELD TIME 78 DAYS

NRC STATION	LOCATION AZIMUTH, DIST (deg.) (ft.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std. Qtr. +- Rdm; Tot.
001	208 4.9	MISSING OR DAMAGED DOSIMETER	
002	220 3.6	14.5 +- .6	11.7 +- .9 0.2
003	204 2.4	10.3 +- .5	10.3 +- .00 0.1
004	176 3.3	10.8 +- .6	10.8 +- .00 0.1
005	161 4.6	19.1 +- .7	11.6 +- .9 0.2
006	133 4.7	19.1 +- .7	11.6 +- .9 0.2
007	116 3.7	MISSING OR DAMAGED DOSIMETER	
008	111 4.7	19.3 +- .7	11.5 +- .9 0.2
009	98 4.5	19.0 +- .7	11.1 +- .9 0.1
010	88/ 12.	10.4 +- .4	10.4 +- .00 0.1
011	83/ 16.	10.5 +- .4	10.5 +- .00 0.1
012	83/ 16.	10.5 +- .4	10.5 +- .00 0.1
013	83/ 16.	10.5 +- .4	10.5 +- .00 0.1
014	77 3.4	10.5 +- .4	10.5 +- .00 0.1
015	96 1.8	10.5 +- .4	10.5 +- .00 0.1
016	113 2.0	10.5 +- .4	10.5 +- .00 0.1
017	134 2.0	10.5 +- .4	10.5 +- .00 0.1
018	222 1.9	10.5 +- .4	10.5 +- .00 0.1
019	194 1.4	10.5 +- .4	10.5 +- .00 0.1
020	179 1.5	10.5 +- .4	10.5 +- .00 0.1
021	153 1.1	10.5 +- .4	10.5 +- .00 0.1
TRANSIT DOSE = 9.4 +- .5			



BIG ROCK  
FOR THE PERIOD 841214-850416

## 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)	10.1 $\pm$ 0.0	1
78.75-101.25 (E)	11.1 $\pm$ .0	3
101.25-123.75 (ESE)	11.5 $\pm$ .1	2
123.75-146.25 (SE)	11.3 $\pm$ .2	2
146.25-168.75 (SSE)	11.6 $\pm$ .1	2
168.75-191.25 (S)	10.7 $\pm$ .1	2
191.25-213.75 (SSW)	10.8 $\pm$ .0	2
213.75-236.25 (SW)	11.1 $\pm$ .0	2
236.25-258.75 (WSW)	NO DATA+-NO DATA	0
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	11.3 $\pm$ .4	7
2-5	11.0 $\pm$ .0	0
>5	10.4 $\pm$ 0.0	1
UPWIND CONTROL DATA	12.1 $\pm$ 2.6	3

BRAIDWOOD  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850402 112 DAYS  
 FIELD TIME 87 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	351 .8	16.8 +- .5	2.5
002	19 1.3	15.5 +- .5	2.3
003	45 2	14.4 +- .4	2.2
004	66 2.1	15.3 +- .5	2.3
005	87 1.8	15.5 +- .5	2.3
006	114 2	15.3 +- .5	2.3
007	133 2.7	15.7 +- .5	2.3
008	151 2.8	15.3 +- .5	2.3
009	178 3.9	19.8 +- .6	3.0
010	197 2.8	14.9 +- .4	2.2
011	222 1.4	14.8 +- .4	2.2
012	252 1.1	15.6 +- .5	2.3
013	261 1.0	14.4 +- .4	2.2
014	278 1.2	14.2 +- .4	2.1
015	310 1.3	14.6 +- .4	2.2
016	335 1.6	14.9 +- .4	2.2
017	359 1.5	14.4 +- .4	2.2
018	018 3.5	20.8 +- .6	3.1
019	042 6.3	15.8 +- .5	2.4
020	069 5.7	16.8 +- .5	2.5
021	086 6.8	18.1 +- .5	2.7
022	100 10'	17.0 +- .5	2.5
023	45/ 4.9	15.6 +- .5	2.3
024	070 4.2	14.9 +- .4	2.2
025	086 4.1	15.1 +- .5	2.3
026	113 4.4	14.7 +- .4	2.2
027	142 6.4	MISSING OR DAMAGED DOSIMETER	
028	161 6.1	15.2 +- .5	2.3
029	180 6.1	20.9 +- .6	3.1
030	191 5.8	19.3 +- .6	2.9
031	230 5.8	17.4 +- .5	2.6
032	266 5.3	15.6 +- .5	2.3
033	289 4.1	16.5 +- .5	2.5
034	315 4.3	16.5 +- .5	2.5
035	333 4.5	15.8 +- .5	2.4
036	000 5.9	15.0 +- .4	2.2
037	021 5.3	14.6 +- .4	2.2
038	190 10'	14.7 +- .4	2.2
039	224 13'	15.0 +- .4	2.2
040	224 13'	18.2 +- .5	2.7

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

BRAIDWOOD  
FOR THE PERIOD 841213-850402

## 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 $\pm$ 1.3	3
11.25-33.75 (NNE)	17.5 $\pm$ 3.4	3
33.75-56.25 (NE)	15.8 $\pm$ .8	3
56.25-78.75 (ENE)	16.2 $\pm$ 1.0	3
78.75-101.25 (E)	17.0 $\pm$ 1.4	4
101.25-123.75 (ESE)	15.5 $\pm$ .4	2
123.75-146.25 (SE)	16.2 $\pm$ 0.0	1
146.25-168.75 (SSE)	15.8 $\pm$ .1	2
168.75-191.25 (S)	19.3 $\pm$ 2.9	4
191.25-213.75 (SSW)	15.4 $\pm$ 0.0	1
213.75-236.25 (SW)	16.6 $\pm$ 1.9	2
236.25-258.75 (WSW)	16.1 $\pm$ 0.0	1
258.75-281.25 (W)	15.2 $\pm$ .8	3
281.25-303.75 (WNW)	17.1 $\pm$ 0.0	1
303.75-326.25 (NW)	16.1 $\pm$ 1.4	2
326.25-348.75 (NNW)	15.8 $\pm$ .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.5 $\pm$ .8	12
2-5	16.8 $\pm$ 2.0	13
>5	17.3 $\pm$ 2.0	12
UPWIND CONTROL DATA	17.1 $\pm$ 2.3	2

[illegible]

BROWNS FERRY  
FOR THE PERIOD 841217-850422

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.4 $\pm$ 3.3	2
11.25-33.75 (NNE)	19.0 $\pm$ 2.6	2
33.75-56.25 (NE)	16.4 $\pm$ 1.9	3
56.25-78.75 (ENE)	17.7 $\pm$ 1.4	3
78.75-101.25 (E)	18.4 $\pm$ .5	3
101.25-123.75 (ESE)	17.9 $\pm$ .9	2
123.75-146.25 (SE)	14.6 $\pm$ .3	2
146.25-168.75 (SSE)	16.5 $\pm$ .3	2
168.75-191.25 (S)	17.1 $\pm$ 0.0	1
191.25-213.75 (SSW)	17.5 $\pm$ .5	2
213.75-236.25 (SW)	16.5 $\pm$ 2.0	2
236.25-258.75 (WSW)	17.6 $\pm$ 2.5	2
258.75-281.25 (W)	16.4 $\pm$ .4	2
281.25-303.75 (WNW)	16.6 $\pm$ 1.0	2
303.75-326.25 (NW)	18.4 $\pm$ 0.0	1
326.25-348.75 (NNW)	17.7 $\pm$ 1.7	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	18.1 $\pm$ 1.7	9
2-5	17.0 $\pm$ 1.5	13
>5	16.8 $\pm$ 1.4	12
UPWIND CONTROL DATA	16.8 $\pm$ 1.2	2

BRUNSWICK  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850418 128 DAYS  
 FIELD TIME 94 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.	
001	260	2.2	17.0 +- .5	2.5	9.9 +- .6	6.3
002	245	3.4	MISSING OR DAMAGED DOSIMETER			
003	231	3.8	17.2 +- .5	2.6	10.1 +- .6	6.3
004	210	4.9	20.3 +- .6	3.0	13.1 +- .7	6.5
005	186	4.3	18.6 +- .6	2.8	11.5 +- .7	6.4
006	270	4.5	16.9 +- .5	2.5	9.9 +- .6	6.3
007	272	4.4	18.4 +- .6	2.8	11.3 +- .7	6.4
008	73	1.3	19.3 +- .6	2.9	12.1 +- .7	6.5
009	97	1.0	18.5 +- .6	2.8	11.4 +- .7	6.4
010	120	1.5	20.4 +- .6	3.1	13.2 +- .7	6.5
011	131	0.9	19.6 +- .6	2.9	12.5 +- .7	6.5
012	156	1.1	19.0 +- .6	2.9	11.9 +- .7	6.4
013	180	1.1	19.8 +- .6	3.0	12.6 +- .7	6.5
014	194	2.4	19.9 +- .6	3.0	12.7 +- .7	6.5
015	201	2.0	18.2 +- .5	2.7	11.1 +- .7	6.4
016	218	1.2	20.0 +- .6	3.0	12.8 +- .7	6.5
017	252	1.1	18.8 +- .6	2.8	11.6 +- .7	6.4
018	272	1.2	18.8 +- .6	2.8	11.7 +- .7	6.4
019	19	1.1	18.2 +- .5	2.7	11.1 +- .7	6.4
020	2	1.1	17.7 +- .5	2.6	10.6 +- .7	6.4
021	288	1.3	17.2 +- .5	2.6	10.1 +- .6	6.3
022	307	1.5	17.1 +- .5	2.6	10.1 +- .6	6.3
023	33/	2.	19.8 +- .6	3.0	12.6 +- .7	6.5
024	325	4.9	16.5 +- .5	2.5	9.4 +- .6	6.3
025	338	3.8	18.6 +- .6	2.8	11.5 +- .7	6.4
026	356	5.2	17.3 +- .5	2.6	10.2 +- .6	6.3
027	30	6.4	17.9 +- .5	2.7	10.8 +- .7	6.4
028	43	9.0	19.2 +- .6	2.9	12.0 +- .7	6.4
029	50	8.5	18.8 +- .6	2.8	11.7 +- .7	6.4
030	59	7.2	MISSING OR DAMAGED DOSIMETER			
031	65	6.5	17.5 +- .5	2.6	10.4 +- .6	6.3
032	74	5.8	MISSING OR DAMAGED DOSIMETER			
033	88	4.1	18.1 +- .5	2.7	11.0 +- .7	6.4
034	12/	17.	19.1 +- .6	2.9	11.9 +- .7	6.4
035	16/	18.	18.1 +- .5	2.7	11.0 +- .7	6.4
036	28/	15.	18.1 +- .5	2.7	11.0 +- .7	6.4
037	284	16'	24.2 +- .7	3.6	16.9 +- .8	6.8
038	28/	15.	18.7 +- .6	2.8	11.5 +- .7	6.4
039	287	4.6	17.6 +- .5	2.6	10.5 +- .7	6.4
040	271	0.7	20.5 +- .6	3.1	13.3 +- .7	6.5
TRANSIT DOSE = 6.6 +- .4 ; 6.1						



BRUNSWICK  
FOR THE PERIOD 841213-850418

## 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 $\pm$ .3	2
11.25-33.75 (NNE)	11.5 $\pm$ .8	5
33.75-56.25 (NE)	11.9 $\pm$ .2	2
56.25-78.75 (ENE)	11.3 $\pm$ 1.2	2
78.75-101.25 (E)	11.2 $\pm$ .3	2
101.25-123.75 (ESE)	13.2 $\pm$ 0.0	1
123.75-146.25 (SE)	12.5 $\pm$ 0.0	1
146.25-168.75 (SSE)	11.9 $\pm$ 0.0	1
168.75-191.25 (S)	12.1 $\pm$ .8	2
191.25-213.75 (SSW)	12.3 $\pm$ 1.0	3
213.75-236.25 (SW)	11.4 $\pm$ 1.9	2
236.25-258.75 (WSW)	11.6 $\pm$ 0.0	1
258.75-281.25 (W)	11.2 $\pm$ 1.4	5
281.25-303.75 (WNW)	10.3 $\pm$ .3	2
303.75-326.25 (NW)	9.7 $\pm$ .4	2
326.25-348.75 (NNW)	11.5 $\pm$ 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	11.8 $\pm$ 1.0	16
2-5	11.0 $\pm$ 1.2	11
>5	11.1 $\pm$ .7	7
UPWIND CONTROL DATA	13.1 $\pm$ 3.2	3



[illegible]

BYRON  
FOR THE PERIOD 841213-850402

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 $\pm$ 1.3	2
11.25-33.75 (NNE)	14.5 $\pm$ .8	3
33.75-56.25 (NE)	14.8 $\pm$ .8	3
56.25-78.75 (ENE)	15.6 $\pm$ 1.8	2
78.75-101.25 (E)	16.3 $\pm$ 2.5	2
101.25-123.75 (ESE)	16.5 $\pm$ .5	2
123.75-146.25 (SE)	15.9 $\pm$ .9	2
146.25-168.75 (SSE)	15.2 $\pm$ .1	2
168.75-191.25 (S)	15.8 $\pm$ .9	3
191.25-213.75 (SSW)	13.8 $\pm$ 1.2	3
213.75-236.25 (SW)	17.2 $\pm$ .3	2
236.25-258.75 (WSW)	16.2 $\pm$ 2.0	2
258.75-281.25 (W)	16.0 $\pm$ 1.5	2
281.25-303.75 (WNW)	16.3 $\pm$ 0.0	1
303.75-326.25 (NW)	15.7 $\pm$ .8	4
326.25-348.75 (NNW)	15.7 $\pm$ .1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	16.3 $\pm$ .9	16
2-5	15.3 $\pm$ 1.1	17
>5	14.1 $\pm$ .7	4
UPWIND CONTROL DATA	15.2 $\pm$ 1.5	3

CALLAWAY  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841213-850409 119 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	247	2.1	21.2	+/- .6	3.2	18.3	+/- .7	5.5
002	259	1.4	20.8	+/- .6	3.1	18.0	+/- .7	5.5
003	282	1.3	21.3	+/- .6	3.2	18.4	+/- .7	5.5
004	304	1.3	20.6	+/- .6	3.1	17.8	+/- .7	5.5
005	330	1.7	21.0	+/- .6	3.2	18.2	+/- .7	5.5
006	1	1.7	18.1	+/- .5	2.7	15.3	+/- .6	5.3
007	23	2	20.0	+/- .6	3.0	17.2	+/- .7	5.4
008	77	.7	19.8	+/- .6	3.0	17.0	+/- .7	5.4
009	85	1.4	20.8	+/- .6	3.1	18.0	+/- .7	5.5
010	98	1.5	19.1	+/- .6	2.9	16.3	+/- .6	5.4
011	121	2	19.1	+/- .6	2.9	16.3	+/- .6	5.4
012	140	2	19.7	+/- .6	2.9	16.9	+/- .7	5.4
013	158	2.5	20.1	+/- .6	3.0	17.3	+/- .7	5.4
014	183	3.7	22.4	+/- .7	3.4	19.5	+/- .7	5.6
015	188	1.7	20.2	+/- .6	3.0	17.4	+/- .7	5.4
016	202	.7	19.9	+/- .6	3.0	17.1	+/- .7	5.4
017	237	.7	20.7	+/- .6	3.1	17.8	+/- .7	5.5
018	312	11	19.7	+/- .6	3.0	16.9	+/- .7	5.4
019	292	10	20.4	+/- .6	3.1	17.5	+/- .7	5.5
020	268	9	20.8	+/- .6	3.1	18.0	+/- .7	5.5
021	247	8	21.1	+/- .6	3.2	18.3	+/- .7	5.5
022	225	8	20.2	+/- .6	3.0	17.4	+/- .7	5.4
023	220	8	22.5	+/- .7	3.4	19.7	+/- .7	5.6
024	205	5.5	17.7	+/- .5	2.7	14.9	+/- .6	5.3
025	157	4	21.0	+/- .6	3.1	18.1	+/- .7	5.5
026	134	5	19.5	+/- .6	2.9	16.7	+/- .7	5.4
027	115	4.2	22.0	+/- .7	3.3	19.1	+/- .7	5.6
028	95	3.5	21.9	+/- .7	3.3	19.0	+/- .7	5.6
029	67	3.4	21.7	+/- .6	3.2	18.8	+/- .7	5.6
030	48	4.5	19.6	+/- .6	2.9	16.8	+/- .7	5.4
031	14	6.5	21.6	+/- .6	3.2	18.8	+/- .7	5.6
032	2	5.1	21.6	+/- .6	3.2	18.8	+/- .7	5.6
033	335	3.6	19.6	+/- .6	2.9	16.8	+/- .7	5.4
034	288	4.3	22.0	+/- .7	3.3	19.2	+/- .7	5.6
035	310	5.2	21.8	+/- .7	3.3	18.9	+/- .7	5.6
036	264	3.2	18.0	+/- .5	2.7	15.2	+/- .6	5.3
037	237	3.0	20.4	+/- .6	3.1	17.6	+/- .7	5.5
038	270	15.	17.9	+/- .5	2.7	15.1	+/- .6	5.3
039	270	15	16.9	+/- .5	2.5	14.1	+/- .6	5.2
040	203	20	21.6	+/- .6	3.2	18.8	+/- .7	5.6

TRANSIT DOSE = 2.6 +/- .3 ; 4.6

CALLAWAY  
FOR THE PERIOD 841213-850409

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.0 $\pm$ 2.5	2
11.25-33.75 (NNE)	18.0 $\pm$ 1.2	2
33.75-56.25 (NE)	16.8 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.9 $\pm$ 1.3	2
78.75-101.25 (E)	17.8 $\pm$ 1.4	3
101.25-123.75 (ESE)	17.7 $\pm$ 2.0	2
123.75-146.25 (SE)	16.8 $\pm$ .1	2
146.25-168.75 (SSE)	17.7 $\pm$ .6	2
168.75-191.25 (S)	18.5 $\pm$ 1.5	2
191.25-213.75 (SSW)	16.0 $\pm$ 1.5	2
213.75-236.25 (SW)	18.5 $\pm$ 1.6	2
236.25-258.75 (WSW)	18.0 $\pm$ .4	4
258.75-281.25 (W)	17.1 $\pm$ 1.6	3
281.25-303.75 (WNW)	18.4 $\pm$ .8	3
303.75-326.25 (NW)	17.9 $\pm$ 1.0	3
326.25-348.75 (NNW)	17.5 $\pm$ 1.0	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	17.3 $\pm$ .9	14
2-5	17.9 $\pm$ 1.3	13
>5	17.9 $\pm$ 1.3	10
UPWIND CONTROL DATA	16.0 $\pm$ 2.5	3

CALVERT CLIFFS  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 850108-850422 105 DAYS  
 FIELD TIME 103 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	275 1.5	12.2 +- .4 ; 1.8	NO NET DATA
003	284 1.7	12.2 +- .4 ; 1.8	NO NET DATA
004	323 2.4	13.8 +- .4 ; 2.1	NO NET DATA
005	297 3.1	12.7 +- .4 ; 1.9	NO NET DATA
006	324 4.7	12.7 +- .4 ; 1.9	NO NET DATA
007	324 5.5	11.8 +- .4 ; 1.8	NO NET DATA
008	256 6.1	10.5 +- .3 ; 1.6	NO NET DATA
009	273 4.1	13.1 +- .4 ; 2.0	NO NET DATA
010	253 3.7	13.3 +- .4 ; 2.0	NO NET DATA
011	230 4	14.5 +- .4 ; 2.2	NO NET DATA
012	243 1.3	15.1 +- .5 ; 2.3	NO NET DATA
013	222 1.5	14.5 +- .4 ; 2.2	NO NET DATA
014	208 1.8	11.4 +- .3 ; 1.7	NO NET DATA
015	176 2.4	14.7 +- .4 ; 2.2	NO NET DATA
016	160 1.5	16.9 +- .5 ; 2.5	NO NET DATA
019	159 3.8	14.5 +- .4 ; 2.2	NO NET DATA
020	139 4.7	10.9 +- .3 ; 1.6	NO NET DATA
021	201 4	12.6 +- .4 ; 1.9	NO NET DATA
022	187 4.7	13.4 +- .4 ; 2.0	NO NET DATA
023	201 8.7	14.0 +- .4 ; 2.1	NO NET DATA
024	190 7.8	12.6 +- .4 ; 1.9	NO NET DATA
025	325 6.7	13.3 +- .4 ; 2.0	NO NET DATA
026	314 11.	12.6 +- .4 ; 1.9	NO NET DATA
027	314 11.	12.2 +- .4 ; 1.8	NO NET DATA
028	315 10.	MISSING OR DAMAGED DOSIMETER	
029	186 12.	16.0 +- .5 ; 2.4	NO NET DATA

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

CALVERT CLIFFS  
FOR THE PERIOD 850108-850422

## 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)	9.5 $\pm$ 0.0	1
146.25-168.75 (SSE)	13.7 $\pm$ 1.5	2
168.75-191.25 (S)	12.4 $\pm$ 1.3	4
191.25-213.75 (SSW)	11.1 $\pm$ 1.1	3
213.75-236.25 (SW)	12.6 $\pm$ 0.0	2
236.25-258.75 (WSW)	11.3 $\pm$ 2.0	3
258.75-281.25 (W)	11.0 $\pm$ .6	2
281.25-303.75 (WNW)	10.9 $\pm$ .3	2
303.75-326.25 (NW)	11.2 $\pm$ .7	4
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	12.0 $\pm$ 1.9	6
2-5	11.6 $\pm$ 1.0	11
>5	11.4 $\pm$ 1.7	6
UPWIND CONTROL DATA	10.8 $\pm$ .2	2



CATAWBA  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850424 130 DAYS  
 FIELD TIME 93 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std. Dtr. +/- Rdm; Tot.			
001	134	0.1	22.0	+/- .7	3.3	17.9	+/- .7	5.8
002	162	0.4	21.5	+/- .6	3.2	17.4	+/- .7	5.7
003	132	0.8	23.2	+/- .7	3.5	19.0	+/- .7	5.9
004	111	1.3	20.6	+/- .6	3.1	16.5	+/- .7	5.7
005	045	0.7	MISSING OR DAMAGED DOSIMETER					
006	298	1.3	23.3	+/- .7	3.5	19.1	+/- .8	5.9
007	004	0.6	21.3	+/- .6	3.2	17.2	+/- .7	5.7
008	332	1.5	20.9	+/- .6	3.1	16.8	+/- .7	5.7
009	318	1.6	19.1	+/- .6	2.9	15.1	+/- .6	5.6
010	176	1.8	26.1	+/- .8	3.9	21.8	+/- .8	6.1
011	203	1.5	23.4	+/- .7	3.5	19.2	+/- .8	5.9
012	225	1.5	24.5	+/- .7	3.7	20.2	+/- .8	6.0
013	250	1.9	20.8	+/- .6	3.1	16.7	+/- .7	5.7
014	270	1.4	18.9	+/- .6	3.0	14.8	+/- .6	5.5
015	331	3.0	20.1	+/- .6	3.0	16.0	+/- .7	5.6
016	311	3.9	18.7	+/- .6	3.0	14.6	+/- .6	5.5
017	296	9.5	25.2	+/- .8	3.8	21.0	+/- .8	6.1
018	324	4.8	23.4	+/- .7	3.5	19.2	+/- .8	5.9
019	352	4.8	20.3	+/- .6	3.0	16.2	+/- .7	5.7
020	022	4.8	22.9	+/- .7	3.4	18.7	+/- .7	5.9
021	290	3.9	19.9	+/- .6	3.0	15.8	+/- .7	5.6
022	266	4.8	21.7	+/- .6	3.2	17.5	+/- .7	5.8
023	251	4.8	17.5	+/- .5	2.6	13.5	+/- .6	5.5
024	229	3.9	17.8	+/- .5	2.5	13.8	+/- .6	4.4
025	202	4.4	22.6	+/- .7	3.4	18.4	+/- .7	6.0
026	051	4.3	22.9	+/- .7	3.4	18.7	+/- .7	5.9
027	064	7.9	17.9	+/- .5	2.7	13.9	+/- .6	5.5
028	061	4.9	20.5	+/- .6	3.1	16.4	+/- .7	5.7
029	049	1.9	23.3	+/- .7	3.5	19.1	+/- .8	5.9
030	064	1.8	20.8	+/- .6	3.0	15.9	+/- .7	5.6
031	087	1.6	19.9	+/- .6	3.0	15.8	+/- .7	5.6
032	121	2.6	21.6	+/- .6	3.2	17.5	+/- .7	5.8
033	114	7.6	19.6	+/- .6	3.0	15.5	+/- .7	5.5
034	093	4.5	22.8	+/- .7	3.4	18.7	+/- .7	5.9
035	132	4.3	25.7	+/- .8	3.8	21.4	+/- .8	6.1
036	163	8.9	18.6	+/- .6	3.0	14.5	+/- .6	5.5
037	173	4.9	18.1	+/- .6	2.7	14.1	+/- .6	5.5
038	157	4.6	22.7	+/- .7	3.4	18.6	+/- .7	5.8
039	248	10.	21.8	+/- .7	3.3	17.6	+/- .7	5.8
040	229	12.	18.5	+/- .6	3.0	14.5	+/- .6	5.5
041	218	13.	18.8	+/- .6	3.1	14.8	+/- .6	5.5
042	213	16.	20.5	+/- .6	3.1	16.4	+/- .7	5.7
TRANSIT DOSE =			3.5	+/- .3	5.0			



CATAWBA  
FOR THE PERIOD 841217-850424

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 $\pm$ .7	2
11.25-33.75 (NNE)	18.7 $\pm$ 0.0	1
33.75-56.25 (NE)	18.8 $\pm$ .3	2
56.25-78.75 (ENE)	15.4 $\pm$ 1.4	3
78.75-101.25 (E)	17.2 $\pm$ 2.0	2
101.25-123.75 (ESE)	16.5 $\pm$ 1.0	3
123.75-146.25 (SE)	19.4 $\pm$ 1.8	3
146.25-168.75 (SSE)	16.8 $\pm$ 2.1	3
168.75-191.25 (S)	17.9 $\pm$ 5.4	2
191.25-213.75 (SSW)	18.8 $\pm$ .5	2
213.75-236.25 (SW)	16.6 $\pm$ 5.1	2
236.25-258.75 (WSW)	16.0 $\pm$ 2.2	3
258.75-281.25 (W)	16.2 $\pm$ 1.9	2
281.25-303.75 (WNW)	18.7 $\pm$ 2.6	3
303.75-326.25 (NW)	16.3 $\pm$ 2.5	3
326.25-348.75 (NNW)	16.4 $\pm$ .6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.7 $\pm$ 1.9	16
2-5	17.0 $\pm$ 2.3	17
>5	16.5 $\pm$ 2.9	5
UPWIND CONTROL DATA	15.0 $\pm$ 1.3	3

CLINTON  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850402 112 DAYS  
 FIELD TIME 87 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE		
	AZIMUTH/ (deg.)	DIST (mi.)	+ Rdm	Tot.	mR/Std.Qtr. + Rdm	Tot.	
001	352	0.6	18.7	+- .6	2.8	17.9 +- .6	5.1
002	7	0.7	18.6	+- .6	2.8	17.8 +- .6	5.1
003	26	0.8	21.3	+- .6	3.2	20.5 +- .7	5.3
004	165	0.5	19.4	+- .6	2.9	18.7 +- .7	5.1
005	187	0.5	19.5	+- .6	2.9	18.8 +- .7	5.1
006	223	0.6	18.9	+- .6	2.8	18.1 +- .6	5.1
007	238	0.8	19.0	+- .6	2.9	18.3 +- .6	5.1
008	62	1.9	19.2	+- .6	2.9	18.4 +- .7	5.1
009	78	1.8	19.4	+- .6	2.9	18.7 +- .7	5.1
010	79	2.5	19.8	+- .6	3.0	19.1 +- .7	5.2
011	104	2.3	19.2	+- .6	2.9	18.5 +- .7	5.1
012	115	3.0	16.8	+- .5	2.5	16.0 +- .6	4.9
013	127	3.2	19.6	+- .6	2.9	18.9 +- .7	5.1
014	160	2.1	20.5	+- .6	3.1	19.8 +- .7	5.2
015	180	3.0	20.4	+- .6	3.1	19.7 +- .7	5.2
016	203	3.2	18.4	+- .6	2.8	17.7 +- .6	5.0
017	235	3.7	16.6	+- .5	2.5	15.8 +- .6	4.9
018	255	2.8	19.0	+- .6	2.9	18.3 +- .6	5.1
019	275	2.3	19.4	+- .6	2.9	18.7 +- .7	5.1
020	302	0.9	17.3	+- .5	2.6	16.5 +- .6	4.9
021	305	0.8	19.3	+- .6	2.9	18.5 +- .7	5.1
022	332	0.6	19.9	+- .6	3.0	19.2 +- .7	5.2
023	358	4.6	21.0	+- .6	3.2	20.4 +- .7	5.3
024	20	3.9	19.2	+- .6	2.9	18.4 +- .7	5.1
025	46	5.0	19.0	+- .6	2.8	18.2 +- .6	5.1
026	62	5.5	18.5	+- .6	2.8	17.7 +- .6	5.0
027	90	4.8	18.8	+- .6	2.8	18.1 +- .6	5.1
028	115	5.2	18.6	+- .6	2.8	17.8 +- .6	5.1
029	128	5.1	18.6	+- .6	2.8	17.8 +- .6	5.1
030	153	5.8	20.0	+- .6	3.0	19.3 +- .7	5.2
031	173	5.2	19.7	+- .6	2.9	19.0 +- .7	5.2
032	205	4.7	18.6	+- .6	2.8	17.9 +- .6	5.1
033	236	5.4	18.2	+- .5	2.7	17.4 +- .6	5.0
034	252	5.8	18.1	+- .5	2.7	17.3 +- .6	5.0
035	263	6.6	16.5	+- .5	2.5	15.7 +- .6	4.9
036	272	4.8	19.7	+- .6	3.0	19.0 +- .7	5.2
037	288	4.8	17.7	+- .5	2.7	16.9 +- .6	5.0
038	297	7.6	17.7	+- .5	2.6	16.9 +- .6	5.0
039	315	5.1	18.9	+- .6	2.8	18.2 +- .6	5.1
040	342	4.8	18.9	+- .6	2.8	18.1 +- .6	5.1
041	65/	10.	19.8	+- .6	3.0	19.1 +- .7	5.2
042	14/	13.	19.6	+- .6	2.9	18.9 +- .7	5.2
043	14/	13.	18.6	+- .6	2.8	17.8 +- .6	5.1
044	20/	15.	17.1	+- .5	2.6	16.3 +- .6	4.9

TRANSIT DOSE = 1.3 +- .3 ; 4.0

CLINTON  
FOR THE PERIOD 841213-850402

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	18.7 $\pm$ 1.4	3
11.25-33.75 (NNE)	19.5 $\pm$ 1.5	2
33.75-56.25 (NE)	18.2 $\pm$ 0.0	1
56.25-78.75 (ENE)	18.5 $\pm$ .6	4
78.75-101.25 (E)	18.6 $\pm$ .7	2
101.25-123.75 (ESE)	17.4 $\pm$ 1.3	3
123.75-146.25 (SE)	18.3 $\pm$ .7	2
146.25-168.75 (SSE)	19.3 $\pm$ .5	3
168.75-191.25 (S)	19.1 $\pm$ .5	3
191.25-213.75 (SSW)	17.8 $\pm$ .1	2
213.75-236.25 (SW)	17.1 $\pm$ 1.2	3
236.25-258.75 (WSW)	18.0 $\pm$ .6	3
258.75-281.25 (W)	17.8 $\pm$ 1.8	3
281.25-303.75 (WNW)	16.8 $\pm$ .3	3
303.75-326.25 (NW)	18.4 $\pm$ .3	2
326.25-348.75 (NNW)	18.7 $\pm$ .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.5 $\pm$ 1.0	12
2-5	18.3 $\pm$ 1.2	18
>5	17.8 $\pm$ 1.1	11
UPWIND CONTROL DATA	17.7 $\pm$ 1.3	3

NRC STATION	LOCATION		GROSS		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		EXPOSURE(mR)		mR/Std.Qtr.	
			+/- Rdm;Tot.		+/- Rdm;Tot.	
001	306	1.4	30.4 +- .9	4.6	14.9 +- 1.6	15.0
002	285	1.5	29.1 +- .9	4.4	13.1 +- 1.6	14.9
003	268	1.1	28.8 +- .9	4.3	12.8 +- 1.6	14.8
004	253	.9	28.9 +- .9	4.3	12.9 +- 1.6	14.9
005	218	1.0	32.1 +- 1.0	4.8	17.3 +- 1.7	15.1
006	200	1	27.9 +- .8	4.2	11.5 +- 1.6	14.8
007	180	1.4	29.6 +- .9	4.4	13.9 +- 1.6	14.9
008	163	1.6	30.2 +- .9	4.5	14.7 +- 1.6	15.0
009	140	1.3	30.5 +- .9	4.6	15.1 +- 1.6	15.0
010	118	1.5	29.1 +- .9	4.4	13.2 +- 1.6	14.9
011	93	1.9	27.2 +- .8	4.1	10.5 +- 1.5	14.7
012	73	2.4	30.6 +- .9	4.6	15.2 +- 1.6	15.0
013	245	1.7	28.2 +- .8	4.2	11.9 +- 1.6	14.8
014	156	4.3	27.9 +- .8	4.2	11.5 +- 1.6	14.8
015	186	7	28.4 +- .9	4.3	12.1 +- 1.6	14.8
016	183	4.1	28.7 +- .9	4.3	12.6 +- 1.6	14.8
017	205	4.3	30.8 +- .9	4.6	15.5 +- 1.6	15.0
018	225	3.4	28.6 +- .9	4.3	12.5 +- 1.6	14.8
019	245	5.2	30.1 +- .9	4.5	14.5 +- 1.6	15.0
020	264	5.8	29.5 +- .9	4.4	13.7 +- 1.6	14.9
021	258	3.2	28.5 +- .9	4.3	12.3 +- 1.6	14.8
022	284	5.1	29.1 +- .9	4.4	13.2 +- 1.6	14.9
023	313	5.8	29.6 +- .9	4.4	13.9 +- 1.6	14.9
024	332	4.9	30.2 +- .9	4.5	14.7 +- 1.6	15.0
025	9	4.6	29.9 +- .9	4.5	14.2 +- 1.6	14.9
026	26	4.5	27.1 +- .8	4.1	10.3 +- 1.5	14.7
027	47	4.1	27.9 +- .8	4.2	11.5 +- 1.6	14.8
028	6	1.8	28.2 +- .8	4.2	11.9 +- 1.6	14.8
029	16	1.9	27.5 +- .8	4.1	10.9 +- 1.5	14.7
030	102	3	27.1 +- .8	4.1	10.3 +- 1.5	14.7
031	108	3.9	28.0 +- .8	4.2	11.6 +- 1.6	14.8
032	135	4.6	27.5 +- .8	4.1	10.9 +- 1.5	14.7
033	152	6.3	27.0 +- .8	4.1	10.3 +- 1.5	14.7
034	47	2.9	25.1 +- .8	3.8	7.6 +- 1.5	14.6
035	85	4.8	29.9 +- .9	4.5	14.2 +- 1.6	14.9
036	115	7.5	27.5 +- .8	4.1	10.9 +- 1.5	14.7
037	355	9.4	26.3 +- .8	3.9	9.2 +- 1.5	14.6
038	337	9.2	27.6 +- .8	4.1	11.0 +- 1.5	14.7
039	310	9.9	29.2 +- .9	4.4	13.3 +- 1.6	14.9
040	302	8.1	26.5 +- .8	4.0	9.6 +- 1.5	14.7
041	248	7.9	29.3 +- .9	4.4	13.4 +- 1.6	14.9
042	90	.5	26.7 +- .8	4.0	9.8 +- 1.5	14.7
043	18	9.8	31.2 +- .9	4.7	16.0 +- 1.7	15.1
044	263	1.7	26.2 +- .8	3.9	9.1 +- 1.5	14.6
045	218	12.	28.8 +- .9	4.3	12.8 +- 1.6	14.8
046	140	12.	27.4 +- .8	4.1	10.7 +- 1.5	14.7
047	301	21.	29.8 +- .9	4.5	14.1 +- 1.6	14.9

TRANSIT DOSE = 19.6 +- .7 ; 9.8

COMANCHE PK.  
FOR THE PERIOD 841213-850416

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.8 $\pm$ 2.5	3
11.25-33.75 (NNE)	12.4 $\pm$ 3.1	3
33.75-56.25 (NE)	9.6 $\pm$ 2.7	2
56.25-78.75 (ENE)	15.2 $\pm$ 0.0	1
78.75-101.25 (E)	11.5 $\pm$ 2.3	3
101.25-123.75 (ESE)	11.5 $\pm$ 1.2	4
123.75-146.25 (SE)	12.2 $\pm$ 2.5	3
146.25-168.75 (SSE)	12.2 $\pm$ 2.3	3
168.75-191.25 (S)	12.9 $\pm$ .9	3
191.25-213.75 (SSW)	13.5 $\pm$ 2.6	2
213.75-236.25 (SW)	14.2 $\pm$ 2.7	3
236.25-258.75 (WSW)	13.0 $\pm$ 1.0	5
258.75-281.25 (W)	11.8 $\pm$ 2.4	3
281.25-303.75 (WNW)	12.5 $\pm$ 2.0	4
303.75-326.25 (NW)	14.0 $\pm$ .8	3
326.25-348.75 (NNW)	12.9 $\pm$ 2.6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	12.7 $\pm$ 2.1	16
2-5	12.3 $\pm$ 2.1	15
>5	12.4 $\pm$ 1.9	16
UPWIND CONTROL DATA	NO DATA	NO DATA

D.C. COOK  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850416 125 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	54	1.7	20.1	+ - .6	13.2	+ - .7	6.4
002	67	1.3	19.8	+ - .6	12.8	+ - .7	6.4
003	89	1.1	18.3	+ - .5	11.4	+ - .7	6.3
004	58	0.7	18.4	+ - .6	11.5	+ - .7	6.3
005	19	2.3	18.9	+ - .6	12.0	+ - .7	6.4
006	111	1.6	19.1	+ - .6	12.2	+ - .7	6.4
007	135	1.5	18.0	+ - .5	11.1	+ - .7	6.3
008	158	1.4	18.5	+ - .6	11.6	+ - .7	6.3
009	171	1.9	18.0	+ - .5	11.1	+ - .7	6.3
010	199	1.5	18.8	+ - .6	11.9	+ - .7	6.3
011	195	3.9	19.5	+ - .6	12.5	+ - .7	6.4
012	200	6.6	18.7	+ - .6	11.8	+ - .7	6.3
013	179	3.9	20.3	+ - .6	13.3	+ - .7	6.4
014	151	4.4	23.7	+ - .7	16.6	+ - .8	6.7
015	130	4.6	21.5	+ - .6	14.5	+ - .7	6.5
016	110	3.7	21.0	+ - .6	14.0	+ - .7	6.5
017	88	3.6	20.1	+ - .6	13.1	+ - .7	6.4
018	67	3.8	19.3	+ - .6	12.4	+ - .7	6.4
019	24	3.8	18.1	+ - .5	11.3	+ - .7	6.3
020	43	3.2	19.6	+ - .6	12.7	+ - .7	6.4
021	26	9.9	21.9	+ - .7	14.9	+ - .7	6.6
022	12/	18.	21.5	+ - .6	14.5	+ - .7	6.5
023	12/	18.	19.2	+ - .6	12.3	+ - .7	6.4
024	12/	18.	19.7	+ - .6	12.7	+ - .7	6.4
TRANSIT DOSE = 6.3 + - .4 ; 6.0							



D.C. COOK  
FOR THE PERIOD 841214-850416

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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)	12.7 $\pm$ 1.9	3
33.75-56.25 (NE)	12.9 $\pm$ .3	2
56.25-78.75 (ENE)	12.2 $\pm$ .7	3
78.75-101.25 (E)	12.3 $\pm$ 1.2	2
101.25-123.75 (ESE)	13.1 $\pm$ 1.3	2
123.75-146.25 (SE)	12.8 $\pm$ 2.4	2
146.25-168.75 (SSE)	14.1 $\pm$ 3.5	2
168.75-191.25 (S)	12.2 $\pm$ 1.6	2
191.25-213.75 (SSW)	12.1 $\pm$ .4	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	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	11.9 $\pm$ .7	9
2-5	13.2 $\pm$ 1.5	10
>5	13.4 $\pm$ 2.2	2
UPWIND CONTROL DATA	13.2 $\pm$ 1.2	3



COOPER  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850409 119 DAYS  
 FIELD TIME 81 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	363	2.4	20.5	+- .6	3.1
002	6	3.5	22.0	+- .7	3.3
003	18	2.7	23.1	+- .7	3.5
004	16	3.2	21.2	+- .6	3.2
005	47	1.9	21.0	+- .6	3.1
006	40	3.6	21.3	+- .6	3.2
007	75	2.7	21.4	+- .6	3.2
008	55	2.8	22.0	+- .7	3.3
009	80	2.1	24.2	+- .7	3.6
010	98	3.7	20.5	+- .6	3.1
011	118	2.3	22.0	+- .7	3.3
012	109	4.6	21.9	+- .7	3.3
013	141	3.2	21.0	+- .6	3.2
014	126	5.6	20.6	+- .6	3.1
015	159	2.7	22.2	+- .7	3.3
016	167	4.9	22.9	+- .7	3.4
017	205	0.3	21.6	+- .6	3.2
018	186	4.7	22.6	+- .7	3.4
019	213	3.0	22.2	+- .7	3.3
020	195	4.9	22.8	+- .7	3.4
021	222	2.0	21.7	+- .6	3.2
022	215	5.7	23.3	+- .7	3.5
023	256	1.5	22.1	+- .7	3.3
024	238	5.2	22.5	+- .7	3.4
025	276	2.2	23.0	+- .7	3.5
026	260	3.8	23.0	+- .7	3.4
027	301	1.8	21.6	+- .6	3.2
028	286	4.3	22.9	+- .7	3.4
029	324	2.8	21.4	+- .6	3.2
030	333	3.7	22.0	+- .7	3.3
031	343	2.6	22.8	+- .7	3.4
032	333	3.7	21.7	+- .6	3.2
033	215	1.0	23.2	+- .7	3.5
034	173	18.	23.2	+- .7	3.5
035	333	23.	22.3	+- .7	3.3
036	210	19.	22.3	+- .7	3.3
037	64	7.0	25.1	+- .8	3.8
038	329	9.0	22.2	+- .7	3.3
039	276	10.	21.6	+- .6	3.2
040	300	2.5	23.7	+- .7	3.5
042	93	3.5	21.6	+- .6	3.2
043	270	2.2	22.0	+- .7	3.3

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

COOPER  
FOR THE PERIOD 841213-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	23.6 $\pm$ 1.1	2
11.25-33.75 (NNE)	24.6 $\pm$ 1.5	2
33.75-56.25 (NE)	23.8 $\pm$ .6	3
56.25-78.75 (ENE)	25.8 $\pm$ 2.9	2
78.75-101.25 (E)	24.5 $\pm$ 2.1	3
101.25-123.75 (ESE)	24.3 $\pm$ .1	2
123.75-146.25 (SE)	23.1 $\pm$ .3	2
146.25-168.75 (SSE)	25.1 $\pm$ .5	2
168.75-191.25 (S)	25.1 $\pm$ 0.0	1
191.25-213.75 (SSW)	24.6 $\pm$ .6	3
213.75-236.25 (SW)	25.2 $\pm$ 1.0	3
236.25-258.75 (WSW)	24.8 $\pm$ .3	2
258.75-281.25 (W)	24.9 $\pm$ .8	4
281.25-303.75 (WNW)	25.2 $\pm$ 1.2	3
303.75-326.25 (NW)	23.8 $\pm$ 0.0	1
326.25-348.75 (NNW)	24.6 $\pm$ .5	4

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	24.3 $\pm$ .8	6
2-5	24.6 $\pm$ 1.0	27
>5	25.0 $\pm$ 1.7	6
UPWIND CONTROL DATA	25.1 $\pm$ .6	3

CRYSTAL RIVER  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850409 115 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.	
006	61	4.2	MISSING OR DAMAGED DOSIMETER			
007	50	3.8	14.5 +- .4	2.2	11.4 +- .5	5.1
008	20	5.2	14.2 +- .4	2.1	11.2 +- .5	5.0
009	6	5.4	16.5 +- .5	2.5	13.4 +- .6	5.2
010	348	5.0	15.6 +- .5	2.3	12.6 +- .5	5.1
011	334	4.8	15.9 +- .5	2.4	12.9 +- .6	5.1
012	318	4.8	15.6 +- .5	2.3	12.6 +- .5	5.1
013	79	3.8	14.8 +- .4	2.2	11.8 +- .5	5.1
014	95	4.1	15.2 +- .5	2.3	12.1 +- .5	5.1
015	89	1.8	16.1 +- .5	2.4	13.0 +- .6	5.2
016	113	5.0	13.8 +- .4	2.1	10.8 +- .5	5.0
017	133	5.5	MISSING OR DAMAGED DOSIMETER			
018	74	8.1	14.1 +- .4	2.1	11.1 +- .5	5.0
019	127	7.6	14.9 +- .4	2.2	11.8 +- .5	5.1
020	150	12	13.7 +- .4	2.1	10.7 +- .5	5.0
021	15	13	14.7 +- .4	2.2	11.7 +- .5	5.1
022	150	13	14.1 +- .4	2.1	11.1 +- .5	5.0
023	150	21	13.4 +- .4	2.0	10.4 +- .5	5.0
024	150	21	12.5 +- .4	1.9	9.5 +- .5	4.9
025	56	6.1	15.6 +- .5	2.3	12.6 +- .5	5.1
026	357	5.2	16.1 +- .5	2.4	13.1 +- .6	5.2
027	90	13	14.5 +- .4	2.2	11.5 +- .5	5.1
028	140	4.8	15.3 +- .5	2.3	12.2 +- .5	5.1
TRANSIT DOSE = 2.8 +- .3 ; 4.7						

CRYSTAL RIVER  
FOR THE PERIOD 841217-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.2 $\pm$ .3	2
11.25-33.75 (NNE)	11.4 $\pm$ .3	2
33.75-56.25 (NE)	12.0 $\pm$ .8	2
56.25-78.75 (ENE)	11.1 $\pm$ 0.0	1
78.75-101.25 (E)	12.1 $\pm$ .7	4
101.25-123.75 (ESE)	10.8 $\pm$ 0.0	1
123.75-146.25 (SE)	12.0 $\pm$ .3	2
146.25-168.75 (SSE)	10.7 $\pm$ 0.0	1
168.75-191.25 (S)	NO DATA $\pm$ NO DATA	0
191.25-213.75 (SSW)	NO DATA $\pm$ NO DATA	0
213.75-236.25 (SW)	NO DATA $\pm$ NO DATA	0
236.25-258.75 (WSW)	NO DATA $\pm$ NO DATA	0
258.75-281.25 (W)	NO DATA $\pm$ NO DATA	0
281.25-303.75 (WNW)	NO DATA $\pm$ NO DATA	0
303.75-326.25 (NW)	12.6 $\pm$ 0.0	1
326.25-348.75 (NNW)	12.7 $\pm$ .2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	13.0 $\pm$ 0.0	1
2-5	12.0 $\pm$ .7	8
>5	11.8 $\pm$ .8	9
UPWIND CONTROL DATA	10.3 $\pm$ .8	3

DAVIS BESSE  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850418 127 DAYS  
 FIELD TIME 65 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	16.8 +- .5	2.5	11.9 +- .9	8.4
002	86	0.9	17.4 +- .5	2.6	12.6 +- .9	8.5
003	116	1.4	17.0 +- .5	2.5	12.1 +- .9	8.4
004	172	0.8	MISSING OR DAMAGED DOSIMETER			
005	200	1.5	20.4 +- .6	3.1	16.8 +- 1.0	8.8
006	226	1.0	MISSING OR DAMAGED DOSIMETER			
007	249	1.0	22.4 +- .7	3.4	19.6 +- 1.1	9.0
008	267	1.0	19.9 +- .6	3.0	16.1 +- 1.0	8.7
009	285	1.0	20.2 +- .6	3.0	16.5 +- 1.0	8.7
010	306	1.0	19.0 +- .6	3.0	14.0 +- 1.0	8.6
011	344	0.0	18.3 +- .6	3.0	13.9 +- 1.0	8.6
012	142	4.0	18.4 +- .6	3.0	14.1 +- 1.0	8.6
013	158	4.0	19.2 +- .6	3.0	15.1 +- 1.0	8.6
014	180	3.0	17.6 +- .6	3.0	13.0 +- 1.0	8.5
015	207	4.0	18.9 +- .6	3.0	14.7 +- 1.0	8.6
016	225	4.0	19.2 +- .6	3.0	15.1 +- 1.0	8.6
017	254	2.0	20.0 +- .6	3.0	16.7 +- 1.0	8.6
018	269	0.0	18.4 +- .6	3.0	14.0 +- 1.0	8.6
019	295	0.0	20.9 +- .6	3.1	17.5 +- 1.0	8.6
020	25	0.0	15.7 +- .6	3.0	10.3 +- .9	8.6
021	132	9.0	19.9 +- .6	3.0	16.1 +- 1.0	8.7
022	210	6.5	MISSING OR DAMAGED DOSIMETER			
TRANSIT DOSE = 8.2 +- .4 ; 5.5						

DAVIS BESSE  
FOR THE PERIOD 841214-850418

## 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)	10.3 $\pm$ 0.0	1
33.75-56.25 (NE)	11.9 $\pm$ 0.0	1
56.25-78.75 (ENE)	NO DATA--NO DATA	0
78.75-101.25 (E)	12.6 $\pm$ 0.0	1
101.25-123.75 (ESE)	12.1 $\pm$ 0.0	1
123.75-146.25 (SE)	14.1 $\pm$ 0.0	1
146.25-168.75 (SSE)	15.1 $\pm$ 0.0	1
168.75-191.25 (S)	13.0 $\pm$ 0.0	1
191.25-213.75 (SSW)	15.7 $\pm$ 1.5	2
210.75-236.25 (SW)	15.1 $\pm$ 0.0	1
236.25-258.75 (WSW)	18.2 $\pm$ 2.1	2
258.75-281.25 (W)	15.1 $\pm$ 1.5	2
281.25-303.75 (WNW)	17.0 $\pm$ .7	2
303.75-326.25 (NW)	14.8 $\pm$ 0.0	1
326.25-348.75 (NNW)	13.9 $\pm$ 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.5 $\pm$ 2.8	10
2-5	14.7 $\pm$ 1.2	7
>5	17.5 $\pm$ 0.0	1
UPWIND CONTROL DATA	16.1 $\pm$ 0.0	1



DIABLO CANYON  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841211-850509 151 DAYS  
 FIELD TIME 90 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		mR/Std.Qtr.	
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		+/- Rdm; Tot.			
001	125	1.0	31.4	+/- .9	4.7	21.5	+/- 1.1	8.4
002	119	4.2	28.2	+/- .8	4.2	18.8	+/- 1.0	8.1
003	137	6.9	28.1	+/- .8	4.2	18.7	+/- 1.0	8.1
004	109	11.	26.8	+/- .8	4.9	17.4	+/- .9	8.0
005	113	14.	35.3	+/- 1.1	5.3	25.9	+/- 1.2	8.7
006	69	9.6	27.8	+/- .8	4.2	18.4	+/- 1.0	8.1
007	359	11.	25.4	+/- .8	3.8	16.8	+/- .9	7.9
008	359	8.6	23.8	+/- .7	3.6	14.4	+/- .9	7.8
009	339	4.7	22.3	+/- .7	3.3	12.8	+/- .8	7.7
010	328	3.8	23.7	+/- .7	3.6	14.3	+/- .9	7.8
011	332	1.3	23.6	+/- .7	3.5	14.2	+/- .9	7.8
012	37	21.	29.1	+/- .9	5.4	19.7	+/- 1.0	8.2
013	37	21.	28.8	+/- .9	5.2	19.4	+/- 1.0	8.2
014	37	21.	27.9	+/- .8	4.2	18.4	+/- 1.0	8.1
TRANSIT DOSE = 9.4 +/- .5 ; 6.9								

DIABLO CANYON  
FOR THE PERIOD 841211-850509

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.2 $\pm$ 1.1	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)	18.4 $\pm$ 0.0	1
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	20.2 $\pm$ 3.9	4
123.75-146.25 (SE)	21.9 $\pm$ 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)	13.8 $\pm$ .8	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	18.1 $\pm$ 5.5	2
2-5	15.3 $\pm$ 3.1	3
>5	18.4 $\pm$ 4.0	6
UPWIND CONTROL DATA	19.2 $\pm$ .7	3

[illegible]

DRESDEN  
FOR THE PERIOD 841213-850402

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.3 $\pm$ 1.8	2
11.25-33.75 (NNE)	17.0 $\pm$ .1	2
33.75-56.25 (NE)	17.1 $\pm$ 2.2	3
56.25-78.75 (ENE)	18.1 $\pm$ 1.6	2
78.75-101.25 (E)	18.6 $\pm$ 1.6	2
101.25-123.75 (ESE)	15.9 $\pm$ 1.3	2
123.75-146.25 (SE)	14.3 $\pm$ .8	3
146.25-168.75 (SSE)	13.4 $\pm$ .2	2
168.75-191.25 (S)	15.5 $\pm$ 1.7	4
191.25-213.75 (SSW)	16.2 $\pm$ 1.3	2
213.75-236.25 (SW)	19.6 $\pm$ 4.4	2
236.25-258.75 (WSW)	17.0 $\pm$ 2.6	3
258.75-281.25 (W)	15.7 $\pm$ 2.2	2
281.25-303.75 (WNW)	16.4 $\pm$ 1.5	2
303.75-326.25 (NW)	17.4 $\pm$ 2.5	2
326.25-348.75 (NNW)	19.7 $\pm$ 1.0	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.3 $\pm$ 2.5	17
2-5	15.9 $\pm$ 1.5	15
>5	16.4 $\pm$ 2.1	5
UPWIND CONTROL DATA	17.0 $\pm$ .5	2

DUANE ARNOLD  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850423 132 DAYS  
 FIELD TIME 86 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.	
001	163	9.7	19.8	+- .6	15.0	+- .7
002	170	6.2	24.0	+- .7	19.4	+- .9
003	180	3.5	21.8	+- .7	17.0	+- .8
004	216	2.9	21.6	+- .6	16.8	+- .8
005	201	2.5	19.9	+- .6	15.0	+- .7
006	213	1.0	21.1	+- .6	16.3	+- .8
007	248	1.0	22.9	+- .7	18.2	+- .8
008	279	1.0	21.4	+- .6	16.6	+- .8
009	298	1.0	22.7	+- .7	17.9	+- .8
010	320	1.5	22.4	+- .7	17.7	+- .8
011	343	1.0	22.1	+- .7	17.3	+- .8
012	359	1.2	21.6	+- .6	16.8	+- .8
013	237	0.5	20.6	+- .6	15.8	+- .8
014	259	3.9	20.5	+- .6	15.7	+- .8
015	272	5.0	20.5	+- .6	15.6	+- .8
016	285	5.0	20.4	+- .6	15.5	+- .8
017	308	4.5	22.4	+- .7	17.7	+- .8
018	340	4.5	19.4	+- .6	14.5	+- .7
019	29/	15.	21.3	+- .6	16.5	+- .8
020	29/	15.	21.4	+- .6	16.6	+- .8
021	29/	15.	20.9	+- .6	16.1	+- .8
022	358	6.1	20.1	+- .6	15.3	+- .7
023	7	2.9	19.7	+- .6	14.9	+- .7
024	28	3.0	20.9	+- .6	16.1	+- .8
025	39	3.5	22.1	+- .7	17.3	+- .8
026	64	3.0	21.6	+- .6	16.8	+- .8
027	50	1.9	20.6	+- .6	15.7	+- .8
028	72	2.3	21.6	+- .6	16.8	+- .8
029	91	3.0	19.8	+- .6	15.0	+- .7
030	93	1.0	22.7	+- .7	18.0	+- .8
031	113	2.0	22.7	+- .7	17.9	+- .8
032	141	1.6	19.0	+- .6	14.1	+- .7
033	153	1.5	22.3	+- .7	17.5	+- .8
034	177	1.2	15.4	+- .5	10.4	+- .6
035	153	4.2	19.4	+- .6	14.5	+- .7
036	135	4.1	20.5	+- .6	15.6	+- .8
037	111	4.6	23.0	+- .7	18.3	+- .8
038	123	5.1	22.0	+- .7	17.2	+- .8
039	132	7.0	20.8	+- .6	16.0	+- .8
040	139	7.6	20.6	+- .6	15.8	+- .8

TRANSIT DOSE = 5.5 +- .4 ; 5.4

DUANE ARNOLD  
FOR THE PERIOD 841214-850423

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.7 $\pm$ 1.0	3
11.25-33.75 (NNE)	16.1 $\pm$ 0.0	1
33.75-56.25 (NE)	16.5 $\pm$ 1.1	2
56.25-78.75 (ENE)	16.8 $\pm$ .0	2
78.75-101.25 (E)	16.5 $\pm$ 2.1	2
101.25-123.75 (ESE)	17.8 $\pm$ .6	3
123.75-146.25 (SE)	15.4 $\pm$ .8	4
146.25-168.75 (SSE)	15.7 $\pm$ 1.6	3
168.75-191.25 (S)	15.6 $\pm$ 4.7	3
191.25-213.75 (SSW)	15.7 $\pm$ .9	2
213.75-236.25 (SW)	16.8 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.0 $\pm$ 1.7	2
258.75-281.25 (W)	16.0 $\pm$ .6	3
281.25-303.75 (WNW)	16.7 $\pm$ 1.7	2
303.75-326.25 (NW)	17.7 $\pm$ 0.0	2
326.25-348.75 (NNW)	15.9 $\pm$ 2.0	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.5 $\pm$ 2.1	14
2-5	16.1 $\pm$ 1.1	17
>5	16.4 $\pm$ 1.6	6
UPWIND CONTROL DATA	16.4 $\pm$ .2	3



FARLEY  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850422 128 DAYS  
 FIELD TIME 87 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	268 15.	17.1 +- .5	14.4 +- .6
002	252 7.8	18.5 +- .6	15.9 +- .7
003	217 6.1	18.9 +- .6	16.3 +- .7
004	155 5.7	26.6 +- .8	24.3 +- .9
005	170 5.1	18.1 +- .5	15.5 +- .6
006	197 4.5	17.2 +- .5	14.5 +- .6
007	191 2.4	21.7 +- .6	19.2 +- .7
008	200 1.8	18.4 +- .6	15.8 +- .7
009	220 1.2	17.8 +- .5	15.2 +- .6
010	254 .9	18.5 +- .6	15.9 +- .7
011	300 .9	18.9 +- .6	16.3 +- .7
012	319 1.1	20.2 +- .6	17.6 +- .7
013	338 1.3	17.3 +- .5	14.7 +- .6
014	256 1.2	18.8 +- .6	16.2 +- .7
015	16 1.3	24.5 +- .7	22.1 +- .8
016	264 1.6	18.3 +- .5	15.6 +- .7
017	253 3.5	20.5 +- .6	18.0 +- .7
018	233 3.2	18.7 +- .6	16.1 +- .7
019	267 4.5	20.4 +- .6	17.9 +- .7
020	295 3.8	20.7 +- .6	18.2 +- .7
021	315 4.6	17.4 +- .5	14.8 +- .6
022	332 4.3	18.1 +- .5	15.4 +- .6
023	251 4.8	16.5 +- .5	13.8 +- .6
024	32 5.3	20.2 +- .6	17.6 +- .7
025	54 6.2	18.2 +- .5	15.5 +- .6
026	64 5.5	19.0 +- .6	16.4 +- .7
027	88 4.7	19.1 +- .6	16.5 +- .7
028	124 5.1	19.6 +- .6	17.0 +- .7
029	153 4.1	18.7 +- .6	16.1 +- .7
030	142 3.6	17.9 +- .5	15.3 +- .6
031	130 3	17.6 +- .5	15.0 +- .6
032	110 2.8	17.5 +- .5	14.8 +- .6
033	78 2.6	17.2 +- .5	14.5 +- .6
034	58 2.2	16.1 +- .5	13.4 +- .6
035	34 2.4	20.3 +- .6	17.7 +- .7
036	19 2.7	19.6 +- .6	17.0 +- .7
037	284 10	18.1 +- .5	15.5 +- .6
038	289 15.	16.9 +- .5	14.3 +- .6
039	293 15.	20.2 +- .6	17.7 +- .7
TRANSIT DOSE = 3.1 +- .3 ; 4.6			

FARLEY  
FOR THE PERIOD 841217-850422

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)	18.9 $\pm$ 2.8	3
33.75-56.25 (NE)	16.6 $\pm$ 1.5	2
56.25-78.75 (ENE)	14.8 $\pm$ 1.5	3
78.75-101.25 (E)	16.5 $\pm$ 0.0	1
101.25-123.75 (ESE)	14.8 $\pm$ 0.0	1
123.75-146.25 (SE)	15.8 $\pm$ 1.1	3
146.25-168.75 (SSE)	20.2 $\pm$ 5.8	2
168.75-191.25 (S)	17.3 $\pm$ 2.6	2
191.25-213.75 (SSW)	15.1 $\pm$ .9	2
213.75-236.25 (SW)	15.9 $\pm$ .6	3
236.25-258.75 (WSW)	15.9 $\pm$ 1.5	5
258.75-281.25 (W)	16.0 $\pm$ 1.0	3
281.25-303.75 (WNW)	17.3 $\pm$ 1.3	2
303.75-326.25 (NW)	16.2 $\pm$ 2.0	2
326.25-348.75 (NNW)	15.1 $\pm$ .5	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.6 $\pm$ 2.2	9
2-5	16.0 $\pm$ 1.7	18
>5	17.0 $\pm$ 2.9	9
UPWIND CONTROL DATA	15.8 $\pm$ 1.7	3

FERMI

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

FOR THE PERIOD 841214-850416 125 DAYS

FIELD TIME 86 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	38	2.1	MISSING OR DAMAGED DOSIMETER	
002	22	2.3	23.0 +- .7 ; 3.4	15.9 +- .9 ; 7.4
003	350	1.8	MISSING OR DAMAGED DOSIMETER	
004	345	1.9	22.0 +- .7 ; 3.3	14.9 +- .8 ; 7.3
005	346	1.4	22.2 +- .7 ; 3.3	15.1 +- .8 ; 7.4
006	310	1.3	24.3 +- .7 ; 3.6	17.3 +- .9 ; 7.5
007	298	1.4	22.4 +- .7 ; 3.4	15.3 +- .8 ; 7.4
008	277	1.6	22.1 +- .7 ; 3.3	15.0 +- .8 ; 7.3
009	238	1.0	23.2 +- .7 ; 3.5	16.2 +- .9 ; 7.4
010	225	1.5	21.8 +- .7 ; 3.3	14.6 +- .8 ; 7.3
011	193	0.8	23.5 +- .7 ; 3.5	16.5 +- .9 ; 7.5
012	183	0.9	23.3 +- .7 ; 3.5	16.3 +- .9 ; 7.4
013	175	0.8	22.4 +- .7 ; 3.4	15.3 +- .8 ; 7.4
014	260	1.7	24.5 +- .7 ; 3.7	17.5 +- .9 ; 7.5
015	245	2.5	22.9 +- .7 ; 3.4	15.8 +- .9 ; 7.4
016	236	5.0	24.3 +- .7 ; 3.6	17.3 +- .9 ; 7.5
017	225	6.8	21.0 +- .6 ; 3.1	13.8 +- .8 ; 7.3
018	250	7.8	20.8 +- .6 ; 3.1	13.7 +- .8 ; 7.3
019	277	6.0	MISSING OR DAMAGED DOSIMETER	
020	297	6.0	20.8 +- .6 ; 3.1	13.7 +- .8 ; 7.3
021	320	3.8	22.2 +- .7 ; 3.3	15.1 +- .8 ; 7.3
022	340	4.7	23.0 +- .7 ; 3.4	15.9 +- .9 ; 7.4
023	358	4.3	22.1 +- .7 ; 3.3	15.0 +- .8 ; 7.3
024	23	5.0	24.3 +- .7 ; 3.6	17.3 +- .9 ; 7.5
025	25	7.0	20.3 +- .6 ; 3.0	13.1 +- .8 ; 7.2
026	0	7.0	22.1 +- .7 ; 3.3	15.0 +- .8 ; 7.3
027	342	8.0	21.8 +- .7 ; 3.3	14.7 +- .8 ; 7.3
028	320	9.5	21.5 +- .6 ; 3.2	14.3 +- .8 ; 7.3
029	29/	11.	23.2 +- .7 ; 3.5	16.1 +- .9 ; 7.4
030	27/	10.	23.1 +- .7 ; 3.5	16.0 +- .9 ; 7.4
031	24/	10.	22.3 +- .7 ; 3.3	15.2 +- .8 ; 7.4
032	22/	10.	22.4 +- .7 ; 3.4	15.3 +- .8 ; 7.4
033	27/	15.	20.6 +- .6 ; 3.1	13.4 +- .8 ; 7.2
034	27/	15.	21.1 +- .6 ; 3.2	13.9 +- .8 ; 7.3
035	29/	16.	22.4 +- .7 ; 3.4	15.3 +- .8 ; 7.4
036	350	0.8	21.7 +- .7 ; 3.3	14.6 +- .8 ; 7.3
037	330	0.7	21.7 +- .7 ; 3.3	14.6 +- .8 ; 7.3
038	310	0.7	20.5 +- .6 ; 3.1	13.0 +- .8 ; 7.2
039	23/	10.	21.8 +- .7 ; 3.3	14.7 +- .8 ; 7.3
040	0	9.0	21.5 +- .6 ; 3.2	14.4 +- .8 ; 7.3
041	348	9.0	20.8 +- .6 ; 3.1	13.7 +- .8 ; 7.3
TRANSIT DOSE = 7.8 +- .4 ; 6.2				

FERMI  
FOR THE PERIOD 841214-850416

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.7 $\pm$ .3	4
11.25-33.75 (NNE)	15.5 $\pm$ 1.2	8
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)	15.8 $\pm$ .7	2
191.25-213.75 (SSW)	16.5 $\pm$ 0.0	1
213.75-236.25 (SW)	15.2 $\pm$ 1.0	3
236.25-258.75 (WSW)	15.2 $\pm$ 1.4	3
258.75-281.25 (W)	16.2 $\pm$ 1.7	2
281.25-303.75 (WNW)	14.5 $\pm$ 1.1	2
303.75-326.25 (NW)	15.0 $\pm$ 1.7	4
326.25-348.75 (NNW)	14.8 $\pm$ .7	6

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.5 $\pm$ 1.1	14
2-5	16.0 $\pm$ .9	7
>5	14.5 $\pm$ .9	14
UPWIND CONTROL DATA	14.2 $\pm$ 1.0	3

FITZPATRICK/NINE MI.  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841218-850418 123 DAYS  
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	230	6.9	18.0 +- .5	2.7	14.2 +- .7	6.0
002	184	14	MISSING OR DAMAGED DOSIMETER			
003	122	8.4	17.8 +- .5	2.7	14.0 +- .7	6.0
004	76	11.	20.1 +- .6	3.0	16.4 +- .7	6.2
005	91	6.8	18.2 +- .5	2.7	14.4 +- .7	6.1
006	112	4.3	17.4 +- .5	2.6	13.6 +- .7	6.0
007	138	4.3	17.7 +- .5	2.6	13.8 +- .7	6.0
008	152	3.6	19.1 +- .6	2.9	15.3 +- .7	6.1
009	183	3.9	17.9 +- .5	2.7	14.1 +- .7	6.0
010	205	4.5	17.7 +- .5	2.7	13.9 +- .7	6.0
011	220	4.4	MISSING OR DAMAGED DOSIMETER			
012	230	6.1	18.6 +- .6	2.8	14.8 +- .7	6.1
013	245	1.8	18.4 +- .6	2.8	14.6 +- .7	6.1
014	223	1.8	18.4 +- .6	2.8	14.6 +- .7	6.1
015	204	2	17.6 +- .5	2.6	13.7 +- .7	6.0
016	181	1.8	18.4 +- .6	2.8	14.6 +- .7	6.1
017	157	1.9	18.7 +- .6	2.8	14.9 +- .7	6.1
018	137	1.6	17.6 +- .5	2.6	13.7 +- .7	6.0
019	115	1.2	17.6 +- .5	2.6	13.7 +- .7	6.0
020	92	1.1	17.6 +- .5	2.6	13.7 +- .7	6.0
021	229	20.	18.4 +- .6	2.8	14.6 +- .7	6.1
022	229	20.	17.9 +- .5	2.7	14.1 +- .7	6.0
023	229	20.	17.8 +- .5	2.7	13.9 +- .7	6.0
024	196	8	MISSING OR DAMAGED DOSIMETER			
025	168	7.2	18.0 +- .5	2.7	14.1 +- .7	6.0
026	152	.6	19.5 +- .6	2.9	15.7 +- .7	6.2
TRANSIT DOSE = 4.6 +- .3 ; 5.0						

FITZPATRICK/NINE MI.  
FOR THE PERIOD 841218-850418

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)	16.4 $\pm$ 0.0	1
78.75-101.25 (E)	14.0 $\pm$ .4	2
101.25-123.75 (ESE)	13.8 $\pm$ .2	3
123.75-146.25 (SE)	13.8 $\pm$ .1	2
146.25-168.75 (SSE)	15.0 $\pm$ .7	4
168.75-191.25 (S)	14.3 $\pm$ .3	2
191.25-213.75 (SSW)	13.8 $\pm$ .1	2
213.75-236.25 (SW)	14.5 $\pm$ .3	3
236.25-258.75 (WSW)	14.6 $\pm$ 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	14.4 $\pm$ .7	9
2-5	14.1 $\pm$ .7	5
>5	14.7 $\pm$ .8	6
UPWIND CONTROL DATA	14.2 $\pm$ .4	3



FT. CALHOUN  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850409 119 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	358	2.0	21.8	+- .7	3.3	17.5	+- .7	6.1
002	351	4.6	22.5	+- .7	3.4	18.2	+- .8	6.1
003	30	2.5	22.4	+- .7	3.4	18.1	+- .8	6.1
004	27	4.6	22.3	+- .7	3.3	18.0	+- .8	6.1
005	53	1.9	21.0	+- .6	3.1	16.7	+- .7	6.0
006	37	0.9	23.5	+- .7	3.5	19.2	+- .8	6.2
007	76	2.3	22.3	+- .7	3.3	18.0	+- .8	6.1
008	59	5.2	26.2	+- .8	3.9	21.9	+- .9	6.5
009	100	2.3	20.5	+- .6	3.1	16.2	+- .7	6.0
010	88	5.6	22.0	+- .7	3.4	18.5	+- .8	6.2
011	122	2.3	22.2	+- .7	3.3	17.9	+- .8	6.1
012	105	5.7	22.1	+- .7	3.3	17.8	+- .7	6.1
013	145	1.3	22.7	+- .7	3.4	18.4	+- .8	6.1
014	128	5.5	21.0	+- .7	3.3	17.5	+- .7	6.1
015	157	1.9	24.1	+- .7	3.6	19.0	+- .8	6.3
016	150	4.9	23.3	+- .7	3.5	19.0	+- .8	6.2
017	173	0.3	22.4	+- .7	3.4	18.1	+- .8	6.1
018	173	5.3	23.4	+- .7	3.5	19.1	+- .8	6.2
019	212	2.5	24.9	+- .7	3.7	20.6	+- .8	6.3
020	204	5.3	22.9	+- .7	3.4	18.6	+- .8	6.2
021	233	2.0	22.0	+- .7	3.4	18.5	+- .8	6.2
022	224	4.6	23.7	+- .7	3.5	19.4	+- .8	6.2
023	239	0.6	22.1	+- .7	3.3	17.0	+- .8	6.1
024	243	6.9	21.0	+- .6	3.2	16.7	+- .7	6.0
025	269	3.3	24.4	+- .7	3.7	20.1	+- .8	6.3
026	262	5.0	25.0	+- .8	3.6	20.7	+- .8	6.3
027	288	2.0	23.0	+- .7	3.4	18.7	+- .8	6.2
028	292	5.0	22.0	+- .7	3.4	18.5	+- .8	6.2
029	311	2.4	22.5	+- .7	3.4	18.2	+- .8	6.1
030	310	5.5	23.9	+- .7	3.6	19.6	+- .8	6.3
031	340	3.3	22.0	+- .7	3.4	18.5	+- .8	6.2
032	338	5.3	22.4	+- .7	3.4	18.1	+- .8	6.1
033	182	0.5	22.2	+- .7	3.3	17.9	+- .7	6.1
035	127	2.2	21.9	+- .7	3.3	17.6	+- .7	6.1
039	150	5.0	21.6	+- .6	3.2	17.3	+- .7	6.1
040	73	9.5	24.1	+- .7	3.5	19.0	+- .8	6.3
043	29	0.0	22.7	+- .7	3.4	18.4	+- .8	6.1
044	65	3.5	20.2	+- .6	3.0	15.9	+- .7	5.9
045	182	4.2	23.5	+- .7	3.5	19.2	+- .8	6.2
047	298	4.5	22.9	+- .7	3.4	18.6	+- .8	6.2
048	13	14.	22.3	+- .7	3.3	18.0	+- .8	6.1
049	207	19.	23.7	+- .7	3.5	19.4	+- .8	6.2

TRANSIT DOSE = 4.3 +- .4 ; 5.1

FT. CALHOUN  
FOR THE PERIOD 841213-850409

## 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 $\pm$ .5	2
11.25-33.75 (NNE)	18.2 $\pm$ .2	3
33.75-56.25 (NE)	18.0 $\pm$ 1.0	2
56.25-78.75 (ENE)	18.8 $\pm$ 2.6	4
78.75-101.25 (E)	17.4 $\pm$ 1.6	2
101.25-123.75 (ESE)	17.8 $\pm$ .1	2
123.75-146.25 (SE)	17.8 $\pm$ .5	3
146.25-168.75 (SSE)	18.7 $\pm$ 1.3	3
168.75-191.25 (S)	18.6 $\pm$ .7	4
191.25-213.75 (SSW)	19.6 $\pm$ 1.4	2
213.75-236.25 (SW)	19.0 $\pm$ .6	2
236.25-258.75 (WSW)	17.3 $\pm$ .8	2
258.75-281.25 (W)	20.4 $\pm$ .4	2
281.25-303.75 (WNW)	18.6 $\pm$ .1	3
303.75-326.25 (NW)	18.9 $\pm$ 1.0	2
326.25-348.75 (NNW)	18.3 $\pm$ .2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.1 $\pm$ .9	8
2-5	18.4 $\pm$ 1.1	20
>5	18.8 $\pm$ 1.4	12
UPWIND CONTROL DATA	18.7 $\pm$ 1.0	2

[illegible]

FT. ST. VRAIN  
FOR THE PERIOD 841213-850416

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	28.8 $\pm$ .8	3
11.25-33.75 (NNE)	27.2 $\pm$ .9	2
33.75-56.25 (NE)	26.8 $\pm$ 3.3	2
56.25-78.75 (ENE)	29.3 $\pm$ .4	3
78.75-101.25 (E)	27.4 $\pm$ 1.1	2
101.25-123.75 (ESE)	31.5 $\pm$ .5	2
123.75-146.25 (SE)	29.2 $\pm$ .4	3
146.25-168.75 (SSE)	28.8 $\pm$ 1.3	3
168.75-191.25 (S)	29.5 $\pm$ .3	2
191.25-213.75 (SSW)	29.8 $\pm$ 1.9	2
213.75-236.25 (SW)	28.8 $\pm$ 2.8	2
236.25-258.75 (WSW)	29.0 $\pm$ 2.9	3
258.75-281.25 (W)	28.1 $\pm$ 1.9	4
281.25-303.75 (WNW)	26.1 $\pm$ 1.7	2
303.75-326.25 (NW)	26.5 $\pm$ 1.2	2
326.25-348.75 (NNW)	26.9 $\pm$ 3.1	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	28.2 $\pm$ 1.8	12
2-5	28.0 $\pm$ 2.1	19
>5	29.2 $\pm$ 1.8	9
UPWIND CONTROL DATA	27.9 $\pm$ 2.4	3

GINNA

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

FOR THE PERIOD 841218-850418 123 DAYS

FIELD TIME 85 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	95	1.7	18.9	+-	.6	2.8	15.5	+- .7	6.0
002	108	1.1	17.3	+-	.5	2.6	13.9	+- .7	5.9
003	142	1.7	18.1	+-	.5	2.7	14.7	+- .7	5.9
004	154	1.5	18.3	+-	.5	2.7	14.9	+- .7	5.9
005	174	1.4	19.1	+-	.6	2.9	15.8	+- .7	6.0
006	212	1.6	17.4	+-	.5	2.6	14.0	+- .7	5.9
007	244	.9	17.7	+-	.5	2.7	14.3	+- .7	5.9
008	230	.6	18.8	+-	.6	2.8	15.4	+- .7	6.0
010	266	1.5	17.8	+-	.5	2.7	14.4	+- .7	5.9
011	264	4.6	19.0	+-	.6	2.8	15.6	+- .7	6.0
012	245	3.8	17.3	+-	.5	2.6	13.9	+- .7	5.9
013	235	4.2	17.3	+-	.5	2.6	13.9	+- .7	5.9
014	200	3.8	17.4	+-	.5	2.6	13.9	+- .7	5.9
015	178	3.4	19.1	+-	.6	2.9	15.7	+- .7	6.0
016	160	3.7	17.9	+-	.5	2.7	14.5	+- .7	5.9
017	134	3.8	18.4	+-	.6	2.8	15.0	+- .7	5.9
018	115	4.3	18.2	+-	.5	2.7	14.8	+- .7	5.9
019	88	4	17.3	+-	.5	2.6	13.9	+- .7	5.9
020	90	6.2	16.3	+-	.5	2.4	12.8	+- .6	5.8
021	123	7.6	17.7	+-	.5	2.7	14.3	+- .7	5.9
022	151	11.	18.4	+-	.6	2.8	15.0	+- .7	5.9
023	105	12.	18.0	+-	.5	2.7	14.6	+- .7	5.9
024	212	14.	22.0	+-	.7	3.3	18.8	+- .8	6.2
025	223	13.	10.3	+-	.5	2.7	14.9	+- .7	5.9
026	242	16.	19.3	+-	.6	2.9	15.9	+- .7	6.0
027	254	14.	18.8	+-	.6	2.8	15.5	+- .7	6.0
028	234	6.9	18.5	+-	.6	2.8	15.1	+- .7	5.9
029	185	.3	19.1	+-	.6	2.9	15.8	+- .7	6.0
030	264	15.	18.0	+-	.5	2.7	14.6	+- .7	5.9

TRANSIT DOSE = 4.2 +- .3 ; 4.9

GINNA  
FOR THE PERIOD 841218-850418

## 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)	14.1 $\pm$ 1.4	3
101.25-123.75 (ESE)	14.4 $\pm$ .4	4
123.75-146.25 (SE)	14.8 $\pm$ .2	2
146.25-168.75 (SSE)	14.8 $\pm$ .3	3
168.75-191.25 (S)	15.8 $\pm$ .0	3
191.25-213.75 (SSW)	15.6 $\pm$ 2.8	3
213.75-236.25 (SW)	14.8 $\pm$ .7	4
236.25-258.75 (WSW)	14.1 $\pm$ .3	2
258.75-281.25 (W)	15.0 $\pm$ .9	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	14.9 $\pm$ .7	10
2-5	14.6 $\pm$ .8	9
>5	15.1 $\pm$ 1.8	7
UPWIND CONTROL DATA	15.3 $\pm$ .7	3



GRAND GULF  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850409 118 DAYS  
 FIELD TIME 85 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	337	2.1	MISSING OR DAMAGED DOSIMETER	
002	351	1.6	16.4 +- .5 ; 2.5	14.1 +- .6 ; 5.4
003	20	1.5	MISSING OR DAMAGED DOSIMETER	
004	51	2.3	18.7 +- .6 ; 2.8	16.6 +- .7 ; 5.6
005	68	2.7	21.4 +- .6 ; 3.2	19.4 +- .7 ; 5.8
006	47	4.1	19.0 +- .6 ; 2.8	16.9 +- .7 ; 5.6
007	68	4.9	21.2 +- .6 ; 3.2	19.2 +- .7 ; 5.8
008	91	3.2	22.8 +- .7 ; 3.4	21.0 +- .8 ; 6.0
009	81	1.0	18.7 +- .6 ; 2.8	16.6 +- .7 ; 5.6
010	109	0.6	20.6 +- .6 ; 3.1	18.6 +- .7 ; 5.8
011	139	0.8	20.7 +- .6 ; 3.1	18.7 +- .7 ; 5.8
012	185	1.6	20.6 +- .6 ; 3.1	18.6 +- .7 ; 5.8
013	207	1.9	21.8 +- .7 ; 3.3	19.9 +- .8 ; 5.9
014	247	1.5	MISSING OR DAMAGED DOSIMETER	
015	130	4.2	20.6 +- .6 ; 3.1	18.6 +- .7 ; 5.8
016	122	4.8	20.8 +- .6 ; 3.1	18.8 +- .7 ; 5.8
017	135	5.3	19.9 +- .6 ; 3.0	17.8 +- .7 ; 5.7
018	147	4.3	17.4 +- .5 ; 2.6	15.2 +- .6 ; 5.5
019	224	6.8	21.3 +- .6 ; 3.2	19.3 +- .7 ; 5.8
020	172	3.6	18.3 +- .5 ; 2.7	16.1 +- .7 ; 5.6
021	29/	12.	18.6 +- .6 ; 2.8	16.5 +- .7 ; 5.6
022	332	8.0	22.0 +- .7 ; 3.3	20.1 +- .8 ; 5.9
023	310	7.9	MISSING OR DAMAGED DOSIMETER	
024	281	7.0	18.4 +- .6 ; 2.8	16.3 +- .7 ; 5.6
025	291	4.8	19.8 +- .6 ; 3.0	17.7 +- .7 ; 5.7
026	248	9.5	18.2 +- .5 ; 2.7	16.0 +- .7 ; 5.6
027	239	13/	17.6 +- .5 ; 2.6	15.5 +- .6 ; 5.5
029	090	0.9	19.8 +- .6 ; 3.0	17.7 +- .7 ; 5.7
030	67	51	16.0 +- .5 ; 2.4	13.8 +- .6 ; 5.4
031	67	51	16.7 +- .5 ; 2.5	14.5 +- .6 ; 5.4
032	67	51	16.4 +- .5 ; 2.5	14.1 +- .6 ; 5.4
033	206	4.8	20.5 +- .6 ; 3.1	18.5 +- .7 ; 5.8
TRANSIT DOSE = 3.0 +- .3 ; 4.5				

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.1 $\pm$ 0.0	1
11.25-33.75 (NNE)	16.5 $\pm$ 0.0	1
33.75-56.25 (NE)	16.8 $\pm$ .2	2
56.25-78.75 (ENE)	19.3 $\pm$ .1	2
78.75-101.25 (E)	18.4 $\pm$ 2.3	3
101.25-123.75 (ESE)	18.7 $\pm$ .1	2
123.75-146.25 (SE)	18.4 $\pm$ .5	3
146.25-168.75 (SSE)	15.2 $\pm$ 0.0	1
168.75-191.25 (S)	17.4 $\pm$ 1.8	2
191.25-213.75 (SSW)	19.2 $\pm$ .9	2
213.75-236.25 (SW)	19.3 $\pm$ 0.0	1
236.25-258.75 (WSW)	15.8 $\pm$ .4	2
258.75-281.25 (W)	16.3 $\pm$ 0.0	1
281.25-303.75 (WNW)	17.7 $\pm$ 0.0	1
303.75-326.25 (NW)	NO DATA $\pm$ NO DATA	0
326.25-348.75 (NNW)	20.1 $\pm$ 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	17.8 $\pm$ 1.9	7
2-5	18.0 $\pm$ 1.7	11
>5	17.4 $\pm$ 1.8	7
UPWIND CONTROL DATA	14.1 $\pm$ .4	3

HADDAM NECK  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841217-850409 115 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.	
002	17	2.6	21.1 +/- .6	3.2	19.6 +/- .7	5.3
003	45	1.9	MISSING OR DAMAGED DOSIMETER			
004	67	2.3	19.0 +/- .8	2.8	17.5 +/- .6	5.1
005	93	1.6	17.8 +/- .7	2.7	16.3 +/- .6	5.0
006	115	2.3	17.5 +/- .8	2.6	16.0 +/- .6	5.0
007	143	1.9	20.3 +/- .8	2.9	18.0 +/- .7	5.2
008	165	.9	16.7 +/- .7	2.2	15.2 +/- .6	4.9
009	174	1.3	21.1 +/- .8	2.9	19.0 +/- .7	5.3
010	195	.7	21.0 +/- .8	2.9	20.3 +/- .7	5.3
012	241	.8	18.5 +/- .7	2.2	17.0 +/- .6	4.9
013	263	.8	16.6 +/- .7	2.1	15.1 +/- .6	4.9
014	290	1.1	18.4 +/- .7	2.9	17.0 +/- .7	5.0
015	311	1.1	16.6 +/- .7	2.1	15.1 +/- .6	4.9
016	341	1.1	18.5 +/- .7	2.8	17.0 +/- .7	5.0
017	360	2.2	20.0 +/- .8	2.8	18.0 +/- .7	5.2
018	222	2.2	17.5 +/- .7	2.8	16.0 +/- .6	4.9
019	269	2.6	17.9 +/- .7	2.4	16.4 +/- .6	4.9
020	309	3.0	18.4 +/- .7	2.4	16.4 +/- .6	4.9
021	91	2.0	20.1 +/- .7	2.4	18.0 +/- .6	5.0
022	112	2.0	17.0 +/- .7	2.4	16.0 +/- .6	4.9
023	137	2.0	17.9 +/- .7	2.4	16.4 +/- .6	4.9
024	155	2.7	17.7 +/- .7	2.4	16.4 +/- .6	4.9
025	175	5.7	17.9 +/- .7	2.4	16.4 +/- .6	4.9
026	196	2.5	17.2 +/- .7	2.4	16.4 +/- .6	4.9
027	225	1.1	19.4 +/- .7	2.4	17.9 +/- .6	5.1
028	250	3.5	21.2 +/- .7	2.4	19.0 +/- .6	5.3
029	340	2.0	MISSING OR DAMAGED DOSIMETER			
030	286	3.0	18.0 +/- .7	2.4	16.0 +/- .6	4.9
031	322	2.2	20.0 +/- .7	2.4	18.0 +/- .6	5.0
032	327	2.2	20.2 +/- .7	2.4	18.0 +/- .6	5.0
033	359	1.4	17.6 +/- .7	2.1	16.0 +/- .6	4.9
035	54	1.0	18.0 +/- .7	2.4	16.4 +/- .6	4.9
036	72	1.0	20.2 +/- .7	2.4	18.0 +/- .6	5.0
037	149	1.0	17.6 +/- .7	2.1	16.0 +/- .6	4.9
038	158	1.0	18.2 +/- .7	2.4	16.4 +/- .6	4.9
039	267	1.0	19.4 +/- .7	2.4	17.9 +/- .6	5.1
040	303	1.1	20.0 +/- .7	2.4	18.0 +/- .6	5.0
041	313	.6	17.9 +/- .7	2.4	16.4 +/- .6	4.9
042	320	1.0	20.0 +/- .7	2.4	18.0 +/- .6	5.0
043	324	1.0	17.9 +/- .7	2.4	16.4 +/- .6	4.9
044	328	1.0	19.3 +/- .7	2.4	17.9 +/- .6	5.1
045	343	1.0	18.9 +/- .7	2.4	17.4 +/- .6	5.0
046	144	1.0	17.9 +/- .7	2.4	16.4 +/- .6	4.9
049	340	2.0	20.0 +/- .7	2.4	18.0 +/- .6	5.0
TRANSIT DOSE = 1.5 +/- .3 ; 4.2						

HADDAM NECK  
FOR THE PERIOD 941217-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.3 $\pm$ 1.7	2
11.25-33.75 (NNE)	19.6 $\pm$ 0.0	1
33.75-56.25 (NE)	17.3 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.7 $\pm$ .9	3
78.75-101.25 (E)	17.4 $\pm$ 1.7	2
101.25-123.75 (ESE)	16.2 $\pm$ .2	2
123.75-146.25 (SE)	17.1 $\pm$ 1.4	3
146.25-168.75 (SSE)	16.0 $\pm$ .6	4
168.75-191.25 (S)	18.0 $\pm$ 2.3	2
191.25-213.75 (SSW)	18.0 $\pm$ 3.3	2
213.75-236.25 (SW)	17.0 $\pm$ 1.3	2
236.25-258.75 (WSW)	18.3 $\pm$ 1.9	2
258.75-281.25 (W)	16.4 $\pm$ 1.4	3
281.25-303.75 (WNW)	17.6 $\pm$ 1.5	3
303.75-326.25 (NW)	16.9 $\pm$ 1.7	5
326.25-348.75 (NNW)	17.7 $\pm$ .7	4

DISTANCE (mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.2 $\pm$ 1.0	11
2-5	17.3 $\pm$ 1.4	16
>5	17.2 $\pm$ 1.2	14
UPWIND CONTROL DATA	18.5 $\pm$ 0.0	1

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Otr. + Rdm; Tot.	
001	3/1	2.6	25.2	+- .08	18.0	+- .09
002	2/1	3.2	23.1	+- .07	16.0	+- .08
003	5/1	2.5	24.1	+- .07	17.0	+- .08
004	2/8	1.5	26.0	+- .08	19.0	+- .09
005	3/9	.9	22.1	+- .07	15.0	+- .08
006	6/1	.00	21.6	+- .06	14.0	+- .07
007	9/1	.7	23.7	+- .07	16.0	+- .08
008	2/9	.7	22.3	+- .07	15.4	+- .08
009	1/8	.00	20.5	+- .06	13.0	+- .07
010	1/8	.7	21.4	+- .06	14.0	+- .07
011	4/1	4.7	20.9	+- .06	22.0	+- .08
012	4/1	8.6	23.9	+- .07	17.0	+- .08
013	2/1	13.	22.3	+- .07	15.4	+- .08
014	2/1	12.	23.1	+- .07	16.2	+- .08
015	2/1	11.	21.7	+- .06	14.0	+- .08
016	3/1	4.	23.5	+- .07	16.0	+- .08
017	2/1	4.5	21.3	+- .06	14.4	+- .08
018	2/1	5.1	23.5	+- .07	16.0	+- .08
019	2/9	5.1	25.6	+- .08	18.0	+- .09
020	2/9	4.0	20.3	+- .06	13.4	+- .07
021	2/1	4.0	20.9	+- .06	14.0	+- .07
022	19	4.0	MISSING OR DAMAGED DOSIMETER			
023	1/8	4.0	22.4	+- .07	15.0	+- .08
024	1/1	4.7	23.5	+- .07	16.0	+- .08
025	1/1	5	23.7	+- .07	16.0	+- .08
026	9/9	4.0	21.6	+- .06	14.0	+- .07
027	1/1	2.0	22.9	+- .07	16.0	+- .08
028	1/1	2.3	20.1	+- .06	13.2	+- .07
029	1/1	2.2	22.8	+- .07	15.9	+- .08
030	4/1	2.2	23.3	+- .07	16.4	+- .08
031	2/1	1.0	22.0	+- .06	15.9	+- .08
032	2/1	1.7	26.9	+- .08	19.1	+- .09
033	3/1	1.4	24.3	+- .07	17.4	+- .08
034	3/1	1.3	23.5	+- .07	16.9	+- .08
035	3/1	4.0	23.7	+- .07	16.0	+- .08
036	3/1	4.4	26.6	+- .08	19.0	+- .09
037	1/1	4.0	23.9	+- .07	17.0	+- .08
038	6/1	4.0	20.7	+- .06	13.0	+- .07
039	8/1	6.0	22.5	+- .07	15.0	+- .08
040	8/1	6.0	22.2	+- .07	14.0	+- .07
041	1/1	9.0	27.4	+- .08	22.0	+- .09
042	2/1	1.1	21.9	+- .06	14.0	+- .07
043	3/1	1.1	24.2	+- .07	17.0	+- .08
044	5/1	2.4	27.7	+- .08	20.0	+- .09

TRANSIT DOSE = 6.9 +- .4 ; 6.0

HARRIS  
FOR THE PERIOD 841213-850418

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	16.6 $\pm$ 2.1	40
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)	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	16.5 $\pm$ 2.0	13
2-5	16.2 $\pm$ 2.1	20
>5	17.8 $\pm$ 2.2	7
UPWIND CONTROL DATA	15.4 $\pm$ .7	3



[illegible]

HATCH  
FOR THE PERIOD 841214-850416

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 $\pm$ .7	4
11.25-33.75 (NNE)	9.6 $\pm$ 1.4	3
33.75-56.25 (NE)	12.3 $\pm$ 2.9	3
56.25-78.75 (ENE)	11.4 $\pm$ 0.0	1
78.75-101.25 (E)	NO DATA $\pm$ NO DATA	0
101.25-123.75 (ESE)	10.8 $\pm$ 1.6	2
123.75-146.25 (SE)	11.3 $\pm$ 1.0	2
146.25-168.75 (SSE)	9.8 $\pm$ .4	3
168.75-191.25 (S)	10.2 $\pm$ 3.8	2
191.25-213.75 (SSW)	10.2 $\pm$ 2.0	2
213.75-236.25 (SW)	10.3 $\pm$ 1.3	3
236.25-258.75 (WSW)	10.5 $\pm$ .4	2
258.75-281.25 (W)	16.9 $\pm$ 7.3	2
281.25-303.75 (WNW)	11.9 $\pm$ 1.3	2
303.75-326.25 (NW)	11.0 $\pm$ 0.0	1
326.25-348.75 (NNW)	11.4 $\pm$ 2.0	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	12.4 $\pm$ 3.5	10
2-5	10.2 $\pm$ 1.2	14
>5	11.2 $\pm$ 2.1	11
UPWIND CONTROL DATA	12.1 $\pm$ .2	3

INDIAN POINT  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841218-850418 123 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	52	1.4	17.0	+- .5	13.4	+- .6
002	53	1	18.9	+- .5	15.4	+- .7
003	61	1.5	26.0	+- .5	23.0	+- .9
004	89	1.2	19.4	+- .5	15.9	+- .7
005	107	.9	19.5	+- .5	16.0	+- .7
006	90	.5	20.2	+- .5	16.7	+- .7
007	133	.8	20.0	+- .5	16.5	+- .7
008	158	.8	MISSING OR DAMAGED DOSIMETER			
009	188	1.2	20.0	+- .5	17.3	+- .7
010	206	.9	20.2	+- .5	16.7	+- .7
011	170	1.1	18.0	+- .5	15.3	+- .7
012	155	2.3	18.3	+- .5	14.0	+- .7
013	136	2.2	18.7	+- .5	15.1	+- .7
014	107	3.1	17.7	+- .5	14.1	+- .7
015	94	3.0	18.0	+- .5	15.4	+- .7
016	142	3.7	19.3	+- .5	16.1	+- .7
018	147	3.1	21.3	+- .5	17.0	+- .7
019	137	12.	21.0	+- .5	17.6	+- .7
020	129	12.	19.0	+- .5	16.4	+- .7
022	74	7.5	20.2	+- .5	20.2	+- 1.0
023	55	9.0	21.4	+- .5	18.0	+- .7
024	55	9.0	20.0	+- .5	17.4	+- .7
025	65	4.1	19.3	+- .5	16.7	+- .7
026	40	4	21.4	+- .5	18.0	+- .7
027	25	5.3	20.3	+- .5	16.7	+- .7
028	24	2.9	19.0	+- .5	16.6	+- .7
029	22	2.1	19.4	+- .5	16.9	+- .7
030	00	1.9	19.7	+- .5	16.0	+- .7
031	356	5	20.4	+- .5	16.0	+- .7
032	330	3.7	21.6	+- .5	18.0	+- .8
033	330	4.7	MISSING OR DAMAGED DOSIMETER			
034	354	7	22.0	+- .7	19.0	+- .8
035	297	4.4	20.0	+- .6	17.3	+- .7
036	309	3.6	MISSING OR DAMAGED DOSIMETER			
037	350	1.1	21.3	+- .6	17.9	+- .8
038	337	.9	21.6	+- .6	18.0	+- .8
039	315	1	19.0	+- .5	16.0	+- .7
040	294	1.1	21.2	+- .5	17.0	+- .7
041	274	1.1	21.0	+- .5	17.0	+- .7
042	248	1.5	21.6	+- .5	18.0	+- .7
044	00	2.2	20.0	+- .5	17.0	+- .7
045	227	1.4	21.0	+- .5	17.0	+- .7
046	209	1.1	20.4	+- .5	16.0	+- .7
047	218	1.1	19.6	+- .5	16.0	+- .7
048	201	4.1	19.3	+- .5	16.0	+- .7
049	187	1.1	18.0	+- .5	16.0	+- .7
050	171	1.1	19.0	+- .5	16.4	+- .7
TRANSIT DOSE =			4.2	+- .3	4.9	

INDIAN POINT  
FOR THE PERIOD 841218-850418

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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 $\pm$ 1.3	5
11.25-33.75 (NNE)	16.3 $\pm$ .4	3
33.75-56.25 (NE)	15.8 $\pm$ 2.3	3
56.25-78.75 (ENE)	21.8 $\pm$ 5.5	3
78.75-101.25 (E)	16.0 $\pm$ .7	3
101.25-123.75 (ESE)	15.1 $\pm$ 1.3	2
123.75-146.25 (SE)	16.3 $\pm$ .8	5
146.25-168.75 (SSE)	16.3 $\pm$ 2.2	2
168.75-191.25 (S)	15.8 $\pm$ 1.1	4
191.25-213.75 (SSW)	16.5 $\pm$ .6	3
213.75-236.25 (SW)	16.8 $\pm$ 1.0	2
236.25-258.75 (WSW)	18.2 $\pm$ 0.0	1
258.75-281.25 (W)	17.8 $\pm$ 0.0	1
281.25-303.75 (WNW)	17.8 $\pm$ .3	2
303.75-326.25 (NW)	16.3 $\pm$ 0.0	1
326.25-348.75 (NNW)	18.2 $\pm$ 0.0	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.0 $\pm$ 2.1	17
2-5	16.3 $\pm$ 1.2	14
>5	17.8 $\pm$ 3.1	11
UPWIND CONTROL DATA	17.7 $\pm$ .4	2

NRC STATION	LOCATION		GROSS EXPOSURE (mR) + Rdn Tot.	NET EXPOSURE RATE mR/Std. Gtr. + Rdn Tot.
	AZIMUTH (deg.)	DIST (mi.)		
001	189	1.1	14.4	10.6
002	195	1.1	14.4	10.6
003	163	4.7	11.1	11.1
004	183	1.1	11.1	11.1
005	210	1.1	11.1	11.1
006	223	1.1	11.1	11.1
007	242	1.1	11.1	11.1
008	202	1.1	11.1	11.1
009	180	1.1	11.1	11.1
010	150	1.1	11.1	11.1
011	235	1.1	11.1	11.1
012	200	1.1	11.1	11.1
013	230	1.1	11.1	11.1
014	200	1.1	11.1	11.1
015	233	1.1	11.1	11.1
016	242	1.1	11.1	11.1
017	217	1.1	11.1	11.1
018	200	1.1	11.1	11.1
019	200	1.1	11.1	11.1
020	200	1.1	11.1	11.1
021	200	1.1	11.1	11.1
022	216	1.1	11.1	11.1
023	214	1.1	11.1	11.1
024	219	1.1	11.1	11.1
025	247	1.1	11.1	11.1
026	263	1.1	11.1	11.1
027	290	1.1	11.1	11.1
028	220	1.1	11.1	11.1
029	242	1.1	11.1	11.1
030	220	1.1	11.1	11.1
031	13	1.1	11.1	11.1
032	33	1.1	11.1	11.1
033	381	1.1	11.1	11.1
034	390	1.1	11.1	11.1
035	390	1.1	11.1	11.1
036	366	1.1	11.1	11.1
038	14	1.1	11.1	11.1
039	13	1.1	11.1	11.1
040	247	1.1	11.1	11.1
041	0	1.1	11.1	11.1
042	0	1.1	11.1	11.1
043	0	1.1	11.1	11.1

KEWAUNEE/PT. BEACH  
FOR THE PERIOD 841214-850416

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.2 $\pm$ .7	2
11.25-33.75 (NNE)	11.8 $\pm$ .7	3
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	11.0 $\pm$ .1	2
168.75-191.25 (S)	12.8 $\pm$ 2.0	3
191.25-213.75 (SSW)	13.6 $\pm$ 2.4	3
213.75-236.25 (SW)	13.1 $\pm$ 1.4	3
236.25-258.75 (WSW)	13.2 $\pm$ 1.7	3
258.75-281.25 (W)	13.4 $\pm$ .1	3
281.25-303.75 (WNW)	13.5 $\pm$ .7	6
303.75-326.25 (NW)	13.0 $\pm$ .9	5
326.25-348.75 (NNW)	13.3 $\pm$ .8	6

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	13.2 $\pm$ 1.1	18
2-5	13.0 $\pm$ 1.1	14
>5	12.5 $\pm$ 1.6	7
UPWIND CONTROL DATA	11.3 $\pm$ .3	2



LACROSSE  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850416 125 DAYS  
 FIELD TIME 85 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.	
001	5/	20.	19.3 +- .6	2.9	15.3 +- .7	6.2
002	5/	20.	19.8 +- .6	3.0	15.8 +- .7	6.3
003	3/	20.	19.7 +- .6	2.9	15.7 +- .7	6.2
004	343	3.8	18.9 +- .6	2.8	14.8 +- .7	6.2
005	313	3.8	20.8 +- .6	3.1	16.8 +- .8	6.3
006	291	3.0	20.5 +- .6	3.1	16.5 +- .8	6.3
007	261	4.8	21.6 +- .6	3.2	17.7 +- .8	6.4
008	249	3.2	21.0 +- .6	3.2	17.1 +- .8	6.4
009	214	5.0	18.3 +- .5	2.7	14.3 +- .7	6.1
010	171	9.8	17.9 +- .5	2.7	13.8 +- .7	6.1
011	176	5.1	18.0 +- .5	2.7	13.9 +- .7	6.1
012	165	4.9	19.5 +- .6	2.9	15.5 +- .7	6.2
013	138	3.5	18.7 +- .6	2.8	14.6 +- .7	6.2
014	114	4.2	19.4 +- .6	2.9	15.4 +- .7	6.2
015	97	3.9	17.8 +- .5	2.7	13.7 +- .7	6.1
016	94	3.0	20.6 +- .6	3.1	16.6 +- .8	6.3
017	105	2.0	20.0 +- .6	3.0	16.0 +- .7	6.3
018	52	1.5	18.1 +- .5	2.7	14.0 +- .7	6.1
019	16	1.5	17.7 +- .5	2.6	13.6 +- .7	6.1
020	1	1.0	17.0 +- .5	2.5	12.8 +- .7	6.0
021	358	0.5	20.5 +- .6	3.1	16.5 +- .8	6.3
022	180	0.6	18.7 +- .6	2.8	14.7 +- .7	6.2
023	134	1.7	20.4 +- .6	3.1	16.5 +- .7	6.3
024	58	0.6	20.1 +- .6	3.0	16.1 +- .7	6.3
025	59	3.1	20.0 +- .6	3.0	16.1 +- .7	6.3
026	16	1.5	20.6 +- .6	3.1	16.6 +- .8	6.3
027	26	5.1	19.6 +- .6	2.9	15.6 +- .7	6.2
028	25	7.0	17.2 +- .5	2.6	13.0 +- .7	6.1
029	4	4.8	19.1 +- .6	2.9	15.0 +- .7	6.2
TRANSIT DOSE = 4.8 +- .4 ; 5.1						

LACROSSE  
FOR THE PERIOD 841214-850416

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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 $\pm$ 1.9	3
11.25-33.75 (NNE)	14.7 $\pm$ 1.7	4
33.75-56.25 (NE)	14.0 $\pm$ 0.0	1
56.25-78.75 (ENE)	16.1 $\pm$ .0	2
78.75-101.25 (E)	15.2 $\pm$ 2.1	2
101.25-123.75 (ESE)	15.7 $\pm$ .4	2
123.75-146.25 (SE)	15.6 $\pm$ 1.3	2
146.25-168.75 (SSE)	15.5 $\pm$ 0.0	1
168.75-191.25 (S)	14.1 $\pm$ .5	3
191.25-213.75 (SSW)	NO DATA--NO DATA	0
213.75-236.25 (SW)	14.3 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.1 $\pm$ 0.0	1
258.75-281.25 (W)	17.7 $\pm$ 0.0	1
281.25-303.75 (WNW)	16.5 $\pm$ 0.0	1
303.75-326.25 (NW)	16.8 $\pm$ 0.0	1
326.25-348.75 (NNW)	14.8 $\pm$ 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.2 $\pm$ 1.5	9
2-5	15.7 $\pm$ 1.2	13
>5	14.1 $\pm$ 1.1	4
UPWIND CONTROL DATA	15.6 $\pm$ .3	3

LA SALLE  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850402 112 DAYS  
 FIELD TIME 88 DAYS

MRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+-	Rdm;Tot.		mR/Std.Qtr. +- Rdm;Tot.		
001	307	10.	18.3	+- .5	2.7	16.5	+- .6	5.2
002	335	4.8	18.3	+- .5	2.7	16.5	+- .6	5.2
003	343	5.8	16.6	+- .5	2.5	14.7	+- .6	5.1
004	38	5.5	18.5	+- .6	2.8	16.7	+- .6	5.2
005	39	4.3	15.9	+- .5	2.4	14.8	+- .6	5.0
006	27	3.8	17.2	+- .5	2.6	15.4	+- .6	5.1
007	355	4.1	20.3	+- .6	3.0	18.6	+- .7	5.4
008	304	4.6	19.8	+- .6	3.0	18.1	+- .7	5.4
009	292	3.9	18.3	+- .5	2.7	16.5	+- .6	5.2
010	276	3.7	18.3	+- .5	2.7	16.5	+- .6	5.2
011	248	4.0	18.7	+- .6	2.8	16.9	+- .6	5.3
012	227	12.	18.2	+- .5	2.7	16.4	+- .6	5.2
013	217	18.	19.8	+- .6	2.8	17.2	+- .6	5.3
014	217	18.	19.7	+- .6	2.9	17.9	+- .7	5.4
015	217	18.	19.2	+- .6	2.9	17.5	+- .7	5.3
016	215	4.4	19.9	+- .6	3.0	18.1	+- .7	5.4
017	204	4.0	20.9	+- .6	3.1	19.1	+- .7	5.5
018	173	4.6	20.7	+- .6	3.1	18.9	+- .7	5.4
019	174	6.4	17.5	+- .5	2.6	15.7	+- .6	5.2
020	158	4.9	20.6	+- .6	3.1	18.8	+- .7	5.4
021	125	4.2	20.6	+- .6	3.1	18.8	+- .7	5.4
022	114	3.8	19.1	+- .6	2.9	17.8	+- .7	5.3
023	97	4.5	17.1	+- .5	2.6	15.8	+- .6	5.1
024	72	4.7	20.8	+- .6	3.1	19.1	+- .7	5.5
025	41	2.0	20.1	+- .6	3.0	18.8	+- .7	5.4
026	13	1.6	18.3	+- .5	2.7	16.5	+- .6	5.2
027	358	1.5	19.3	+- .6	2.9	17.5	+- .7	5.3
028	336	1.6	18.5	+- .6	2.8	16.7	+- .6	5.2
029	310	2.3	17.1	+- .5	2.6	15.8	+- .6	5.1
030	301	2.0	21.6	+- .6	3.2	19.9	+- .7	5.5
031	271	1.7	18.7	+- .6	2.8	16.9	+- .6	5.3
032	251	1.8	20.1	+- .6	3.0	18.4	+- .7	5.4
033	227	2.4	20.0	+- .6	3.0	18.3	+- .7	5.4
034	204	1.7	19.8	+- .6	3.0	18.0	+- .7	5.4
035	171	1.6	19.4	+- .6	2.9	17.7	+- .7	5.3
036	153	1.8	19.9	+- .6	3.0	18.2	+- .7	5.4
037	139	2.1	20.3	+- .6	3.0	18.6	+- .7	5.4
038	111	1.5	17.5	+- .5	2.6	15.7	+- .6	5.2
039	271	0.6	19.9	+- .6	3.0	18.1	+- .7	5.4

TRANSIT DOSE = 2.1 +- .3 ; 4.3

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 $\pm$ .8	2
11.25-33.75 (NNE)	16.2 $\pm$ .6	4
33.75-56.25 (NE)	16.3 $\pm$ 2.2	3
56.25-78.75 (ENE)	19.1 $\pm$ 0.0	1
78.75-101.25 (E)	15.3 $\pm$ 0.0	1
101.25-123.75 (ESE)	16.5 $\pm$ 1.2	2
123.75-146.25 (SE)	18.7 $\pm$ .2	2
146.25-168.75 (SSE)	18.5 $\pm$ .5	2
168.75-191.25 (S)	17.4 $\pm$ 1.6	3
191.25-213.75 (SSW)	18.6 $\pm$ .8	2
213.75-236.25 (SW)	18.2 $\pm$ .1	2
236.25-258.75 (WSW)	17.7 $\pm$ 1.0	2
258.75-281.25 (W)	17.2 $\pm$ .8	3
281.25-303.75 (WNW)	18.2 $\pm$ 2.4	2
303.75-326.25 (NW)	16.7 $\pm$ 2.0	2
326.25-348.75 (NNW)	16.0 $\pm$ 1.1	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	17.7 $\pm$ 1.1	12
2-5	17.4 $\pm$ 1.6	19
>5	16.0 $\pm$ .8	5
UPWIND CONTROL DATA	17.5 $\pm$ .4	3

LIMERICK  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 850103-850423 111 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	12	9.	23.8	+ - .7	3.6	22.2	+ - .7	5.4
003	88	3.7	20.2	+ - .6	3.0	18.6	+ - .6	5.0
004	52	3.2	20.2	+ - .6	3.0	18.7	+ - .6	5.0
005	23	3.5	21.2	+ - .6	3.2	19.6	+ - .7	5.1
006	8	4.6	21.8	+ - .7	3.3	20.2	+ - .7	5.2
007	340	7.1	21.0	+ - .6	3.1	19.4	+ - .7	5.1
008	330	3.6	21.2	+ - .6	3.2	19.7	+ - .7	5.1
009	313	3.3	20.8	+ - .6	3.1	19.3	+ - .7	5.1
010	291	4.8	21.2	+ - .6	3.2	19.7	+ - .7	5.1
011	303	2.9	25.7	+ - .8	3.9	24.1	+ - .8	5.5
012	314	1.6	19.4	+ - .6	2.9	17.9	+ - .6	5.0
013	352	1.7	21.9	+ - .7	3.3	20.3	+ - .7	5.2
014	339	1.3	19.9	+ - .6	3.0	18.4	+ - .6	5.0
015	47	1.8	21.1	+ - .6	3.2	19.5	+ - .7	5.1
016	71	2.7	22.9	+ - .7	3.4	21.3	+ - .7	5.3
017	17	.4	20.4	+ - .6	3.1	18.8	+ - .6	5.0
018	286	.5	20.0	+ - .6	3.0	18.4	+ - .6	5.0
019	276	.6	20.0	+ - .6	3.0	18.5	+ - .6	5.0
020	245	.9	19.8	+ - .6	3.0	18.2	+ - .6	5.0
021	224	1	20.7	+ - .6	3.1	19.2	+ - .7	5.1
022	202	1.2	22.2	+ - .7	3.3	20.6	+ - .7	5.2
023	172	1.6	18.6	+ - .6	2.8	17.1	+ - .6	4.9
024	150	1.7	20.3	+ - .6	3.0	18.8	+ - .6	5.0
025	132	1.2	22.7	+ - .7	3.4	21.1	+ - .7	5.3
026	120	1.2	23.1	+ - .7	3.5	21.5	+ - .7	5.3
027	160	1	20.8	+ - .6	3.1	19.3	+ - .7	5.1
028	91	1	20.8	+ - .6	3.1	19.3	+ - .7	5.1
029	67	.7	20.4	+ - .6	3.1	18.8	+ - .6	5.0
030	146	3.4	24.0	+ - .7	3.6	22.4	+ - .7	5.4
031	158	2.8	21.4	+ - .6	3.2	19.8	+ - .7	5.1
032	152	7.4	19.9	+ - .6	3.0	18.4	+ - .6	5.0
033	184	4.3	18.8	+ - .6	2.8	17.3	+ - .6	4.9
034	201	3.9	20.0	+ - .6	3.0	18.5	+ - .6	5.0
035	225	5.1	20.1	+ - .6	3.0	18.5	+ - .6	5.0
036	245	4.2	20.7	+ - .6	3.1	19.1	+ - .7	5.1
037	266	3.9	18.0	+ - .5	2.7	16.5	+ - .6	4.8
038	290	15	22.5	+ - .7	3.4	20.9	+ - .7	5.2
039	290	15	22.9	+ - .7	3.4	21.3	+ - .7	5.3
040	290	15	25.4	+ - .8	3.8	23.8	+ - .8	5.5
041	128	3	17.5	+ - .5	2.6	16.0	+ - .6	4.8
042	111	4.4	20.4	+ - .6	3.1	18.8	+ - .6	5.0

TRANSIT DOSE = 1.1 + - .3 ; 4.2



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 $\pm$ .1	2
11.25-33.75 (NNE)	20.2 $\pm$ 1.7	3
33.75-56.25 (NE)	19.1 $\pm$ .6	2
56.25-78.75 (ENE)	20.1 $\pm$ 1.8	2
78.75-101.25 (E)	19.0 $\pm$ .4	2
101.25-123.75 (ESE)	20.2 $\pm$ 1.9	2
123.75-146.25 (SE)	19.8 $\pm$ 3.4	3
146.25-168.75 (SSE)	19.1 $\pm$ .6	4
168.75-191.25 (S)	17.2 $\pm$ .1	2
191.25-213.75 (SSW)	19.5 $\pm$ 1.5	2
213.75-236.25 (SW)	18.9 $\pm$ .4	2
236.25-258.75 (WSW)	18.7 $\pm$ .6	2
258.75-281.25 (W)	17.5 $\pm$ 1.4	2
281.25-303.75 (WNW)	20.7 $\pm$ 3.0	3
303.75-326.25 (NW)	18.6 $\pm$ 1.0	2
326.25-348.75 (NNW)	19.2 $\pm$ .7	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	19.2 $\pm$ 1.1	17
2-5	19.4 $\pm$ 2.0	17
>5	19.6 $\pm$ 1.7	4
UPWIND CONTROL DATA	22.0 $\pm$ 1.5	3



MAINE YANKEE  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841214-850402 111 DAYS  
FIELD TIME 93 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	340 1.	19.9 +- .6 ; 3.0	16.6 +- .6 ; 5.4
002	6 1.4	21.2 +- .6 ; 3.2	17.9 +- .7 ; 5.5
003	23 1.5	18.6 +- .6 ; 2.8	15.4 +- .6 ; 5.3
004	44 1.8	17.8 +- .5 ; 2.7	14.6 +- .6 ; 5.2
005	116 .5	18.2 +- .5 ; 2.7	15.0 +- .6 ; 5.3
006	168 1	19.9 +- .6 ; 3.0	16.6 +- .6 ; 5.4
007	185 1.6	18.5 +- .6 ; 2.8	15.3 +- .6 ; 5.3
008	195 2.3	MISSING OR DAMAGED DOSIMETER	
009	209 3.8	18.4 +- .6 ; 2.8	15.2 +- .6 ; 5.3
010	310 1.7	17.6 +- .5 ; 2.6	14.4 +- .6 ; 5.2
011	290 1.8	21.6 +- .6 ; 3.2	18.3 +- .7 ; 5.5
012	275 1.7	MISSING OR DAMAGED DOSIMETER	
013	256 1.9	18.1 +- .5 ; 2.7	14.9 +- .6 ; 5.3
014	232 2.5	20.2 +- .6 ; 3.0	17.0 +- .7 ; 5.4
015	227 5.3	19.0 +- .6 ; 2.8	15.7 +- .6 ; 5.3
016	246 4.4	20.6 +- .6 ; 3.1	17.3 +- .7 ; 5.4
017	250 6.6	23.5 +- .7 ; 3.5	20.2 +- .7 ; 5.7
018	268 4.7	19.0 +- .6 ; 2.8	15.7 +- .6 ; 5.3
019	283 4.4	20.0 +- .6 ; 3.0	16.7 +- .7 ; 5.4
020	305 4.7	18.2 +- .5 ; 2.7	15.0 +- .6 ; 5.3
021	300 2.9	19.3 +- .6 ; 2.9	16.0 +- .6 ; 5.3
022	332 2.7	21.0 +- .6 ; 3.2	17.7 +- .7 ; 5.5
023	20 3.9	18.3 +- .5 ; 2.7	15.1 +- .6 ; 5.3
024	23 3	20.5 +- .6 ; 3.1	17.2 +- .7 ; 5.4
025	42 4.7	20.1 +- .6 ; 3.0	16.8 +- .7 ; 5.4
026	60 15	18.4 +- .6 ; 2.8	15.2 +- .6 ; 5.3
027	62 16.	17.0 +- .5 ; 2.6	13.9 +- .6 ; 5.2
028	63 16.	17.7 +- .5 ; 2.7	14.5 +- .6 ; 5.2
029	64 2.1	21.6 +- .6 ; 3.2	18.3 +- .7 ; 5.5
030	84 1.5	19.9 +- .6 ; 3.0	16.6 +- .6 ; 5.4
031	115 1.6	19.4 +- .6 ; 2.9	16.2 +- .6 ; 5.4
032	135 2	17.8 +- .5 ; 2.7	14.6 +- .6 ; 5.2
033	66 3.5	18.6 +- .6 ; 2.8	15.4 +- .6 ; 5.3
034	97 4.9	19.5 +- .6 ; 2.9	16.3 +- .6 ; 5.4
035	123 4.8	19.7 +- .6 ; 2.9	16.4 +- .6 ; 5.4
036	140 4.9	19.4 +- .6 ; 2.9	16.2 +- .6 ; 5.4
037	151 6	19.6 +- .6 ; 2.9	16.3 +- .6 ; 5.4
038	152 4.2	21.2 +- .6 ; 3.2	17.9 +- .7 ; 5.5
039	172 4.9	19.6 +- .6 ; 2.9	16.4 +- .6 ; 5.4
040	156 7.4	20.5 +- .6 ; 3.1	17.2 +- .7 ; 5.4
TRANSIT DOSE = 2.7 +- .3 ; 4.7			

MAINE YANKEE  
FOR THE PERIOD 841214-850402

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.9 $\pm$ 0.0	1
11.25-33.75 (NNE)	15.9 $\pm$ 1.2	3
33.75-56.25 (NE)	15.7 $\pm$ 1.5	2
56.25-78.75 (ENE)	16.8 $\pm$ 2.0	2
78.75-101.25 (E)	16.4 $\pm$ .2	2
101.25-123.75 (ESE)	15.9 $\pm$ .8	3
123.75-146.25 (SE)	15.4 $\pm$ 1.1	2
146.25-168.75 (SSE)	17.0 $\pm$ .7	4
168.75-191.25 (S)	15.8 $\pm$ .8	2
191.25-213.75 (SSW)	15.2 $\pm$ 0.0	1
213.75-236.25 (SW)	16.4 $\pm$ .9	2
236.25-258.75 (WSW)	17.5 $\pm$ 2.6	3
258.75-281.25 (W)	15.7 $\pm$ 0.0	1
281.25-303.75 (WNW)	17.0 $\pm$ 1.1	3
303.75-326.25 (NW)	14.7 $\pm$ .4	2
326.25-348.75 (NNW)	17.2 $\pm$ .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.9 $\pm$ 1.3	13
2-5	16.5 $\pm$ 1.0	18
>5	17.4 $\pm$ 2.0	4
UPWIND CONTROL DATA	14.5 $\pm$ .7	3

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std.Qtr. +/- Rdm; Tot.	
001	97	0.5	22.8 +- .7	3.4	16.0 +- .7	6.2
002	323	1.6	23.1 +- .7	3.5	16.2 +- .7	6.2
003	336	1.7	26.1 +- .8	3.9	19.0 +- .8	6.5
004	303	2.9	23.8 +- .7	3.6	16.8 +- .8	6.3
005	321	3.9	MISSING OR DAMAGED DOSIMETER			
006	334	3.7	23.2 +- .7	3.5	16.3 +- .7	6.2
007	352	3.5	21.9 +- .7	3.3	15.1 +- .7	6.1
008	287	2.0	28.5 +- .9	4.3	21.2 +- .9	6.6
009	273	1.9	21.1 +- .6	3.2	14.4 +- .7	6.1
010	244	1.7	21.8 +- .7	3.3	15.0 +- .7	6.1
011	225	2.1	21.7 +- .7	3.3	15.0 +- .7	6.1
012	212	3.6	24.0 +- .7	3.6	17.1 +- .8	6.3
013	232	4.4	MISSING OF DAMAGED DOSIMETER			
014	253	3.7	28.2 +- .8	4.2	20.9 +- .9	6.6
015	261	4.2	20.8 +- .6	3.1	14.1 +- .7	6.1
016	288	4.3	29.8 +- .9	4.5	22.3 +- .9	6.7
017	288	17'	MISSING OR DAMAGED DOSIMETER			
018	287	2.0	28.7 +- .9	4.3	21.3 +- .9	6.7
019	286	17'	31.1 +- .9	4.7	23.5 +- .9	6.9
020	23/	17.	30.1 +- .9	4.5	22.6 +- .9	6.8
021	20/	10.	24.0 +- .7	3.6	17.1 +- .8	6.3
022	239	9.5	25.9 +- .8	3.9	18.8 +- .8	6.4
023	115	4.9	20.5 +- .6	3.1	13.8 +- .7	6.1
024	132	4.9	22.2 +- .7	3.3	15.4 +- .7	6.2
025	156	4.0	18.6 +- .6	2.8	12.1 +- .6	5.9
026	175	3.7	20.9 +- .6	3.1	14.2 +- .7	6.1
027	198	4.3	25.0 +- .7	3.7	17.9 +- .8	6.4
028	169	13'	22.6 +- .7	3.4	15.7 +- .7	6.2
029	15/	12.	22.2 +- .7	3.3	15.4 +- .7	6.2
030	14/	13.	20.1 +- .6	3.0	13.4 +- .7	6.0
031	143	1.9	22.1 +- .7	3.3	15.3 +- .7	6.2
032	155	1.3	22.4 +- .7	3.4	15.6 +- .7	6.2
033	178	1.6	20.8 +- .6	3.1	14.1 +- .7	6.1
034	108	2.0	22.7 +- .7	3.4	15.9 +- .7	6.2
035	93	2.2	23.9 +- .7	3.6	17.0 +- .8	6.3
036	68	2.5	22.1 +- .7	3.3	15.3 +- .7	6.2
037	82	4.7	21.5 +- .6	3.2	14.7 +- .7	6.1
038	64	4.9	22.9 +- .7	3.4	16.0 +- .7	6.2
039	42	5.0	26.8 +- .8	4.0	19.6 +- .8	6.5
040	26	4.3	24.0 +- .7	3.6	17.1 +- .8	6.3
041	42	2.0	19.6 +- .6	2.9	13.0 +- .7	6.0
042	21	1.6	26.6 +- .8	4.0	19.4 +- .8	6.5
043	8	2.6	20.9 +- .6	3.1	14.2 +- .7	6.1
044	37/	13.	35.0 +- 1.1	5.3	27.2 +- 1.0	7.2
045	78/	19'	32.4 +- 1.0	4.9	24.8 +- 1.0	7.0
046	94/	19'	26.5 +- .8	4.0	19.3 +- .8	6.5
TRANSIT DOSE = 5.4 +- .4 ; 5.8						

MCGUIRE  
FOR THE PERIOD 841213-850418

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.7 $\pm$ .6	2
11.25-33.75 (NNE)	17.5 $\pm$ 3.2	6
33.75-56.25 (NE)	19.8 $\pm$ 7.1	3
56.25-78.75 (ENE)	18.7 $\pm$ 5.3	3
78.75-101.25 (E)	16.7 $\pm$ 1.9	4
101.25-123.75 (ESE)	14.8 $\pm$ 1.5	2
123.75-146.25 (SE)	15.3 $\pm$ .1	2
146.25-168.75 (SSE)	13.9 $\pm$ 2.5	2
168.75-191.25 (S)	14.7 $\pm$ .9	3
191.25-213.75 (SSW)	17.5 $\pm$ .6	2
213.75-236.25 (SW)	15.0 $\pm$ 0.0	1
236.25-258.75 (WSW)	18.2 $\pm$ 3.0	3
258.75-281.25 (W)	14.2 $\pm$ .2	2
281.25-303.75 (WNW)	20.1 $\pm$ 2.9	3
303.75-326.25 (NW)	16.2 $\pm$ 0.0	1
326.25-348.75 (NNW)	17.6 $\pm$ 1.9	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	16.2 $\pm$ 2.4	12
2-5	16.2 $\pm$ 2.5	20
>5	19.4 $\pm$ 4.6	9
UPWIND CONTROL DATA	22.4 $\pm$ 1.6	2

MILLSTONE  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841217-850409 115 DAYS  
FIELD TIME 95 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	0	1	23.0	+- .7	3.5
002	24	1.3	17.4	+- .5	2.6
003	47	1.5	20.3	+- .6	3.0
004	60	1.7	19.3	+- .6	2.9
005	85	1.3	20.9	+- .6	3.1
006	110	1.8	20.8	+- .6	3.1
007	67	5.3	21.4	+- .6	3.2
008	49	5.3	20.4	+- .6	3.1
009	84	5.2	20.6	+- .6	3.1
011	232	2.5	19.1	+- .6	2.9
012	256	2.4	22.0	+- .7	3.3
013	274	2.2	21.7	+- .7	3.3
014	295	1.9	21.1	+- .6	3.2
015	315	1.5	18.2	+- .5	2.7
016	339	1.2	21.7	+- .7	3.3
017	353	3.5	20.4	+- .6	3.1
018	24	3.5	21.2	+- .6	3.2
019	33	3	22.8	+- .7	3.4
020	82	4	19.8	+- .6	3.0
022	59	3.7	23.2	+- .7	3.5
028	257	5.8	23.1	+- .7	3.5
029	272	3.7	24.6	+- .7	3.7
030	295	3.5	23.6	+- .7	3.5
031	317	3.6	20.5	+- .6	3.1
032	327	4.3	23.4	+- .7	3.5
033	41	4.7	21.2	+- .6	3.2
034	54	5.5	23.6	+- .7	3.5
037	354	6.8	MISSING OR DAMAGED DOSIMETER		
039	1	5.7	20.9	+- .6	3.1
040	278	8.7	17.6	+- .5	2.6
041	34	11.	28.5	+- .9	4.3
042	84	8	21.5	+- .6	3.2
046	41	.6	20.7	+- .6	3.1
048	4	40	25.6	+- .8	3.8
049	4	40	26.1	+- .8	3.9

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

MILLSTONE  
FOR THE PERIOD 841217-850409

## 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 $\pm$ 1.3	3
11.25-33.75 (NNE)	19.4 $\pm$ 2.7	3
33.75-56.25 (NE)	21.2 $\pm$ 3.0	6
56.25-78.75 (ENE)	20.1 $\pm$ 1.8	3
78.75-101.25 (E)	19.6 $\pm$ .7	4
101.25-123.75 (ESE)	19.7 $\pm$ 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)	18.0 $\pm$ 0.0	1
236.25-258.75 (WSW)	21.3 $\pm$ .8	2
258.75-281.25 (W)	20.2 $\pm$ 3.4	3
281.25-303.75 (WNW)	21.1 $\pm$ 1.7	2
303.75-326.25 (NW)	18.3 $\pm$ 1.5	2
326.25-348.75 (NNW)	21.3 $\pm$ 1.1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	19.2 $\pm$ 1.6	10
2-5	20.6 $\pm$ 1.6	13
>5	20.8 $\pm$ 2.8	9
UPWIND CONTROL DATA	24.4 $\pm$ .3	2



[illegible]

MONTICELLO  
FOR THE PERIOD 841214-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.4 $\pm$ 1.0	2
11.25-33.75 (NNE)	15.9 $\pm$ 0.0	1
33.75-56.25 (NE)	15.0 $\pm$ 1.4	2
56.25-78.75 (ENE)	15.0 $\pm$ .6	2
78.75-101.25 (E)	15.8 $\pm$ 2.0	2
101.25-123.75 (ESE)	15.6 $\pm$ .0	2
123.75-146.25 (SE)	15.5 $\pm$ .1	2
146.25-168.75 (SSE)	16.0 $\pm$ .2	2
168.75-191.25 (S)	16.0 $\pm$ .7	2
191.25-213.75 (SSW)	15.5 $\pm$ 1.0	2
213.75-236.25 (SW)	15.6 $\pm$ .6	2
236.25-258.75 (WSW)	14.8 $\pm$ 1.3	2
258.75-281.25 (W)	15.8 $\pm$ 1.3	2
281.25-303.75 (WNW)	15.9 $\pm$ 1.2	2
303.75-326.25 (NW)	15.4 $\pm$ .4	2
326.25-348.75 (NNW)	14.0 $\pm$ .1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.2 $\pm$ .7	16
2-5	15.7 $\pm$ 1.0	15
>5	NO DATA $\pm$ NO DATA	0
UPWIND CONTROL DATA	14.5 $\pm$ .8	3

NORTH ANNA  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850409 118 DAYS  
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.	
001	243	1.8	23.5 +- .7	3.5	21.5 +- .8	6.1
002	263	1.6	21.1 +- .6	3.2	18.9 +- .7	5.9
003	296	1	20.4 +- .6	3.1	18.1 +- .7	5.8
004	311	1.3	24.2 +- .7	3.6	22.2 +- .8	6.2
005	329	1.3	21.6 +- .6	3.2	19.4 +- .8	5.9
006	231	3.9	22.9 +- .7	3.4	20.8 +- .8	6.0
007	224	1.7	21.7 +- .7	3.3	19.5 +- .8	5.9
008	210	1.6	19.4 +- .6	2.9	17.1 +- .7	5.7
009	181	1.4	18.5 +- .6	2.8	16.2 +- .7	5.7
010	155	1.7	26.2 +- .8	3.9	24.3 +- .9	6.4
011	136	1.6	20.4 +- .6	3.1	18.1 +- .7	5.8
012	163	3.5	21.9 +- .7	3.3	19.8 +- .8	6.0
013	190	3.3	20.0 +- .6	3.0	17.7 +- .7	5.8
014	205	4.9	19.0 +- .6	2.8	16.6 +- .7	5.7
015	140	4.2	21.8 +- .7	3.3	19.6 +- .8	5.9
016	113	4.9	23.6 +- .7	3.5	21.5 +- .8	6.1
017	93	3.3	19.2 +- .6	2.9	16.8 +- .7	5.7
018	64	4.1	20.7 +- .6	3.1	18.5 +- .7	5.8
019	78	2.7	28.8 +- .9	4.3	27.8 +- 1.0	6.6
020	97	1.9	21.7 +- .6	3.2	19.5 +- .8	5.9
021	105	1.7	19.9 +- .6	3.0	17.6 +- .7	5.8
022	60	2.4	19.8 +- .6	3.0	17.5 +- .7	5.8
023	37	1.4	21.4 +- .6	3.2	19.2 +- .8	5.9
024	16	1.6	26.4 +- .8	4.3	24.5 +- .9	6.4
025	48	3.5	18.1 +- .5	2.7	15.7 +- .7	5.6
026	17	3.7	23.0 +- .7	3.4	20.9 +- .8	6.1
027	3	4.8	20.2 +- .6	3.0	17.9 +- .7	5.8
028	348	4	20.0 +- .6	3.0	17.7 +- .7	5.8
029	2	1.9	18.8 +- .6	2.8	16.5 +- .7	5.7
030	284	5	19.3 +- .6	3.0	17.5 +- .7	5.8
031	310	4.7	23.7 +- .7	3.6	21.7 +- .8	6.1
032	273	4.9	16.4 +- .5	2.5	13.9 +- .6	5.5
033	257	5.1	20.6 +- .6	3.1	18.4 +- .7	5.8
034	242	7.1	23.0 +- .7	3.4	20.9 +- .8	6.1
035	255	11.	22.0 +- .7	3.3	19.8 +- .8	6.0
036	248	15.	20.1 +- .6	3.0	17.8 +- .7	5.8
037	247	17.	20.4 +- .6	3.1	18.1 +- .7	5.8
038	247	19.	18.6 +- .6	2.8	16.2 +- .7	5.7

TRANSIT DOSE = 3.2 +- .3 ; 4.6

NORTH ANNA  
FOR THE PERIOD 841214-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.2 $\pm$ 1.0	2
11.25-33.75 (NNE)	22.7 $\pm$ 2.6	2
33.75-56.25 (NE)	17.5 $\pm$ 2.5	2
56.25-78.75 (ENE)	21.0 $\pm$ 5.2	3
78.75-101.25 (E)	18.2 $\pm$ 1.9	2
101.25-123.75 (ESE)	19.5 $\pm$ 2.8	2
123.75-146.25 (SE)	18.9 $\pm$ 1.0	2
146.25-168.75 (SSE)	22.0 $\pm$ 3.2	2
168.75-191.25 (S)	17.0 $\pm$ 1.1	2
191.25-213.75 (SSW)	16.8 $\pm$ .3	2
213.75-236.25 (SW)	20.2 $\pm$ .9	2
236.25-258.75 (WSW)	20.1 $\pm$ 1.3	4
258.75-281.25 (W)	16.4 $\pm$ 3.5	2
281.25-303.75 (WNW)	17.8 $\pm$ .4	2
303.75-326.25 (NW)	21.9 $\pm$ .4	2
326.25-348.75 (NNW)	18.8 $\pm$ 1.2	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	18.9 $\pm$ 3.0	17
>5	19.7 $\pm$ 1.2	3
UPWIND CONTROL DATA	17.4 $\pm$ 1.0	3

OCCONEE  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841217-850424 130 DAYS  
FIELD TIME 78 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.	
001	158	7.5	25.4 +- .8	3.8	23.6 +- 1.0	7.1
002	133	4.9	27.0 +- .8	4.1	25.4 +- 1.0	7.3
003	119	4.3	25.3 +- .8	3.8	23.4 +- 1.0	7.1
004	84	4.7	25.0 +- .8	3.8	23.1 +- 1.0	7.1
005	65	4.0	24.8 +- .7	3.7	22.9 +- .9	7.1
006	52	1.8	25.1 +- .8	3.8	23.2 +- 1.0	7.1
007	22	3.5	25.0 +- .7	3.7	23.1 +- .9	7.1
008	33	1.4	24.7 +- .7	3.7	22.8 +- .9	7.1
009	52	1.8	20.7 +- .6	3.1	18.2 +- .8	6.7
010	66	1.2	18.3 +- .5	2.7	15.4 +- .7	6.5
011	107	1.9	21.2 +- .6	3.2	18.7 +- .8	6.7
012	87	1.0	23.0 +- .7	3.5	20.8 +- .9	6.9
013	142	0.7	23.2 +- .7	3.5	21.0 +- .9	6.9
014	166	0.7	19.5 +- .6	2.9	16.7 +- .8	6.6
015	226	1.7	23.4 +- .7	3.5	21.3 +- .9	6.9
016	207	1.4	22.5 +- .7	3.4	20.2 +- .9	6.8
017	182	2.2	21.5 +- .6	3.2	19.8 +- .8	6.7
018	186	3.0	20.4 +- .6	3.1	17.8 +- .8	6.6
019	155	4.1	25.8 +- .8	3.9	24.0 +- 1.0	7.2
020	203	8.4	19.8 +- .6	3.0	17.1 +- .8	6.6
021	210	4.6	21.9 +- .7	3.3	19.5 +- .9	6.8
022	227	4.0	21.8 +- .7	3.3	19.4 +- .9	6.8
023	240	3.6	23.3 +- .7	3.5	21.2 +- .9	6.9
024	268	3.6	25.3 +- .8	3.8	23.4 +- 1.0	7.1
025	257	1.9	20.9 +- .6	3.1	18.3 +- .8	6.7
026	293	3.6	21.5 +- .6	3.2	19.1 +- .8	6.7
027	311	3.5	19.3 +- .6	2.9	16.5 +- .8	6.5
028	288	2.0	20.7 +- .6	3.1	18.2 +- .8	6.7
029	275	1.0	20.6 +- .6	3.1	18.0 +- .8	6.7
030	321	1.0	22.7 +- .7	3.4	20.5 +- .9	6.9
031	344	2.0	20.7 +- .6	3.1	18.2 +- .8	6.7
032	336	3.7	25.1 +- .8	3.8	23.2 +- 1.0	7.1
033	358	4.5	21.4 +- .6	3.2	18.9 +- .8	6.7
034	256	9.4	27.4 +- .8	4.1	25.8 +- 1.0	7.4
035	14/	21.	24.1 +- .7	3.6	22.1 +- .9	7.0
036	126	8.2	25.2 +- .8	3.8	23.3 +- 1.0	7.1
037	96	9.7	24.1 +- .7	3.6	22.0 +- .9	7.0
038	32/	16.	30.2 +- .9	4.3	29.1 +- 1.1	7.7
039	31/	16.	25.5 +- .8	3.8	23.7 +- 1.0	7.1
040	29/	16.	26.9 +- .8	4.0	25.3 +- 1.0	7.3
TRANSIT DOSE = 5.0 +- .3 ; 4.9						

O'CONNOR  
FOR THE PERIOD 841217-850424

## 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 $\pm$ 0.0	1
11.25-33.75 (NNE)	22.6 $\pm$ .5	3
33.75-56.25 (NE)	20.7 $\pm$ 3.6	2
56.25-78.75 (ENE)	19.1 $\pm$ 5.3	2
78.75-101.25 (E)	22.0 $\pm$ 1.2	3
101.25-123.75 (ESE)	21.1 $\pm$ 3.3	2
123.75-146.25 (SE)	23.2 $\pm$ 2.2	3
146.25-168.75 (SSE)	21.4 $\pm$ 4.1	3
168.75-191.25 (S)	18.4 $\pm$ .8	2
191.25-213.75 (SSW)	18.9 $\pm$ 1.6	3
213.75-236.25 (SW)	20.3 $\pm$ 1.3	2
236.25-258.75 (WSW)	21.8 $\pm$ 3.8	3
258.75-281.25 (W)	20.7 $\pm$ 3.8	2
281.25-303.75 (WNW)	18.6 $\pm$ .7	2
303.75-326.25 (NW)	18.5 $\pm$ 2.8	2
326.25-348.75 (NNW)	20.7 $\pm$ 3.6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	19.4 $\pm$ 2.2	15
2-5	21.2 $\pm$ 2.6	16
>5	22.3 $\pm$ 2.9	6
UPWIND CONTROL DATA	26.0 $\pm$ 2.6	3



[illegible]

OYSTER CREEK  
FOR THE PERIOD 841218-850416

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	11.5 $\pm$ .5	4
11.25-33.75 (NNE)	13.6 $\pm$ .5	3
33.75-56.25 (NE)	13.3 $\pm$ 1.5	5
56.25-78.75 (ENE)	11.1 $\pm$ .1	3
78.75-101.25 (E)	12.8 $\pm$ 0.0	2
101.25-123.75 (ESE)	12.7 $\pm$ .6	2
123.75-146.25 (SE)	12.7 $\pm$ 1.2	4
146.25-168.75 (SSE)	11.4 $\pm$ .5	3
168.75-191.25 (S)	12.2 $\pm$ 1.2	6
191.25-213.75 (SSW)	11.5 $\pm$ .8	3
213.75-236.25 (SW)	11.6 $\pm$ .0	2
236.25-258.75 (WSW)	12.3 $\pm$ 0.0	1
258.75-281.25 (W)	12.4 $\pm$ 0.0	1
281.25-303.75 (WNW)	12.3 $\pm$ 0.0	1
303.75-326.25 (NW)	10.9 $\pm$ 0.0	1
326.25-348.75 (NNW)	12.7 $\pm$ .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	12.0 $\pm$ 1.0	16
2-5	12.4 $\pm$ 1.2	13
>5	12.3 $\pm$ 1.2	14
UPWIND CONTROL DATA	12.8 $\pm$ .3	2

PALISADES  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850416 125 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	195	4.9	18.6 +- .6	2.8	12.3 +- .7	7.0
002	173	4.6	18.7 +- .6	2.8	12.4 +- .8	7.0
003	156	3.9	18.5 +- .6	2.8	12.2 +- .7	7.0
004	132	4.6	18.4 +- .6	2.8	12.0 +- .7	7.0
005	118	3.3	19.7 +- .6	3.0	13.5 +- .8	7.1
006	152	1.8	17.8 +- .5	2.7	11.4 +- .7	6.9
007	196	2.2	18.5 +- .6	2.8	12.2 +- .7	7.0
008	178	1.6	MISSING OR DAMAGED DOSIMETER			
009	200	0.9	17.6 +- .5	2.6	11.2 +- .7	6.9
010	124	1.8	19.3 +- .6	2.9	13.1 +- .8	7.0
011	107	1.6	19.2 +- .6	2.9	12.9 +- .8	7.0
012	90	1.5	17.5 +- .5	2.6	11.1 +- .7	6.9
013	65	1.7	18.4 +- .6	2.8	12.0 +- .7	7.0
014	51	1.9	17.9 +- .5	2.7	11.5 +- .7	6.9
015	74	3.7	18.3 +- .5	2.7	12.0 +- .7	7.0
016	90	3.6	17.1 +- .5	2.6	10.6 +- .7	6.9
017	98/	10.	19.5 +- .6	2.9	13.2 +- .8	7.0
018	47	4.5	20.5 +- .6	3.1	14.3 +- .8	7.1
019	23	1.5	18.4 +- .6	2.8	12.1 +- .7	7.0
020	32	4.8	MISSING OR DAMAGED DOSIMETER			
021	29	7.0	19.6 +- .6	2.9	13.4 +- .8	7.0
022	99/	15.	20.1 +- .6	3.0	13.9 +- .8	7.1
023	98/	18.	19.5 +- .6	2.9	13.2 +- .8	7.0
024	98/	18.	19.3 +- .6	2.9	13.1 +- .8	7.0
TRANSIT DOSE =			7.1 +- .4	5.9		

PALISADES  
FOR THE PERIOD 841214-850416

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)	12.7 $\pm$ .8	2
33.75-56.25 (NE)	12.9 $\pm$ 2.0	2
56.25-78.75 (ENE)	12.0 $\pm$ .0	2
78.75-101.25 (E)	11.7 $\pm$ 1.4	3
101.25-123.75 (ESE)	13.2 $\pm$ .4	2
123.75-146.25 (SE)	12.5 $\pm$ .7	2
146.25-168.75 (SSE)	11.8 $\pm$ .6	2
168.75-191.25 (S)	12.4 $\pm$ 0.0	1
191.25-213.75 (SSW)	11.9 $\pm$ .6	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	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	11.9 $\pm$ .7	8
2-5	12.4 $\pm$ 1.0	9
>5	13.3 $\pm$ .1	2
UPWIND CONTROL DATA	13.4 $\pm$ .4	3

PALO VERDE  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841212-850404 115 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	74	23.	22.9	+/- .7 ; 3.4	22.9	+/- .7 ; 4.4
002	92	21.	23.2	+/- .7 ; 3.5	23.2	+/- .7 ; 4.5
003	89	15.	22.7	+/- .7 ; 3.4	22.7	+/- .7 ; 4.4
004	103	11.	MISSING OR DAMAGED DOSIMETER			
005	140	7.4	24.4	+/- .7 ; 3.7	24.4	+/- .7 ; 4.6
006	142	3.1	23.9	+/- .7 ; 3.6	23.9	+/- .7 ; 4.6
007	162	2.6	23.3	+/- .7 ; 3.5	23.3	+/- .7 ; 4.5
008	168	2.6	23.3	+/- .7 ; 3.5	23.3	+/- .7 ; 4.5
009	193	2.6	24.7	+/- .7 ; 3.7	24.7	+/- .7 ; 4.7
010	215	3.1	23.9	+/- .7 ; 3.6	23.9	+/- .7 ; 4.6
011	200	1.7	24.4	+/- .7 ; 3.7	24.4	+/- .7 ; 4.6
012	214	1.0	23.2	+/- .7 ; 3.5	23.2	+/- .7 ; 4.5
013	242	0.7	25.5	+/- .8 ; 3.8	25.5	+/- .8 ; 4.8
014	263	0.6	25.3	+/- .8 ; 3.8	25.3	+/- .8 ; 4.7
015	295	0.6	24.1	+/- .7 ; 3.6	24.1	+/- .7 ; 4.6
016	325	1.0	23.5	+/- .7 ; 3.5	23.5	+/- .7 ; 4.5
017	347	1.8	24.3	+/- .7 ; 3.6	24.3	+/- .7 ; 4.6
018	0	2.4	25.4	+/- .8 ; 3.8	25.4	+/- .8 ; 4.7
019	18	1.5	23.6	+/- .7 ; 3.5	23.6	+/- .7 ; 4.5
020	37	2.0	23.2	+/- .7 ; 3.5	23.2	+/- .7 ; 4.5
021	58	2.3	26.3	+/- .8 ; 3.9	26.3	+/- .8 ; 4.9
022	75	2.8	25.1	+/- .8 ; 3.8	25.1	+/- .8 ; 4.7
023	93	4.4	23.7	+/- .7 ; 3.5	23.7	+/- .7 ; 4.5
024	101	3.3	23.4	+/- .7 ; 3.5	23.4	+/- .7 ; 4.5
025	346	2.9	23.6	+/- .7 ; 3.5	23.6	+/- .7 ; 4.5
026	334	4.3	25.5	+/- .8 ; 3.8	25.5	+/- .8 ; 4.8
027	333	7.9	24.9	+/- .7 ; 3.7	24.9	+/- .8 ; 4.7
028	0	7.0	24.7	+/- .7 ; 3.7	24.7	+/- .8 ; 4.7
029	9	4.2	25.6	+/- .8 ; 3.8	25.6	+/- .8 ; 4.8
030	27	3.6	25.1	+/- .8 ; 3.8	25.1	+/- .8 ; 4.7
031	49	3.5	26.1	+/- .8 ; 3.9	26.1	+/- .8 ; 4.8
032	120	3.3	26.2	+/- .8 ; 3.9	26.2	+/- .8 ; 4.8
TRANSIT DOSE = 0.0 +/- .1 ; 2.8						

PALO VERDE  
FOR THE PERIOD 841212-850404

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	25.2 $\pm$ .5	3
11.25-33.75 (NNE)	24.3 $\pm$ 1.0	2
33.75-56.25 (NE)	24.6 $\pm$ 2.0	2
56.25-78.75 (ENE)	25.7 $\pm$ .8	2
78.75-101.25 (E)	23.5 $\pm$ .2	2
101.25-123.75 (ESE)	26.2 $\pm$ 0.0	1
123.75-146.25 (SE)	24.1 $\pm$ .3	2
146.25-168.75 (SSE)	23.3 $\pm$ .0	2
168.75-191.25 (S)	NO DATA $\pm$ NO DATA	0
191.25-213.75 (SSW)	24.5 $\pm$ .2	2
213.75-236.25 (SW)	23.5 $\pm$ .5	2
236.25-258.75 (WSW)	25.5 $\pm$ 0.0	1
258.75-281.25 (W)	25.3 $\pm$ 0.0	1
281.25-303.75 (WNW)	24.1 $\pm$ 0.0	1
303.75-326.25 (NW)	23.5 $\pm$ 0.0	1
326.25-348.75 (NNW)	24.6 $\pm$ .8	4

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	24.1 $\pm$ .8	9
2-5	24.7 $\pm$ 1.1	16
>5	24.7 $\pm$ .3	3
UPWIND CONTROL DATA	22.9 $\pm$ .3	3



PEACH BOTTOM  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 850103-850423 111 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	329	10.	18.4 +- .6	2.8	16.1 +- .6	5.0
002	31	10.	17.9 +- .5	2.7	15.6 +- .6	5.0
003	22	4.7	19.4 +- .6	2.9	17.1 +- .6	5.1
004	4	5	18.6 +- .6	2.8	16.3 +- .6	5.0
005	345	4.1	19.3 +- .6	2.9	17.0 +- .6	5.1
006	9	2.2	20.3 +- .6	3.0	18.0 +- .6	5.2
007	22	2.5	19.2 +- .6	2.9	16.9 +- .6	5.1
008	55	2.9	19.9 +- .6	3.0	17.5 +- .6	5.1
009	45	2	18.5 +- .6	2.8	16.2 +- .6	5.0
010	63	1.7	18.4 +- .6	2.8	16.1 +- .6	5.0
011	97	2	20.7 +- .6	3.1	18.4 +- .7	5.2
012	107	2.3	16.5 +- .5	2.5	14.3 +- .5	4.9
013	72	5	18.4 +- .6	2.8	16.1 +- .6	5.0
014	86	4.6	25.8 +- .8	3.9	23.3 +- .8	5.7
015	110	4.3	20.5 +- .6	3.1	18.2 +- .7	5.2
016	130	4.7	16.9 +- .5	2.5	14.6 +- .6	4.9
017	158	9	17.5 +- .5	2.6	15.3 +- .6	5.0
018	163	4.6	17.8 +- .5	2.7	15.6 +- .6	5.0
019	184	3.9	21.2 +- .6	3.2	18.9 +- .7	5.2
020	203	4.9	20.0 +- .6	3.0	17.7 +- .6	5.1
021	197	2.3	20.4 +- .6	3.1	18.0 +- .7	5.2
022	183	1.7	20.0 +- .6	3.0	17.6 +- .6	5.1
023	190	1.8	22.4 +- .7	3.4	20.0 +- .7	5.4
024	222	1.8	22.1 +- .7	3.3	19.7 +- .7	5.3
025	248	1.7	20.4 +- .6	3.1	18.0 +- .7	5.2
026	268	1.8	22.6 +- .7	3.4	20.2 +- .7	5.4
027	288	1.9	18.8 +- .6	2.9	16.5 +- .6	5.1
028	323	1.8	16.7 +- .5	2.5	14.5 +- .6	4.9
029	286	3.6	22.0 +- .7	3.3	19.6 +- .7	5.3
030	264	4	MISSING OR DAMAGED DOSIMETER			
031	262	9.9	23.4 +- .7	3.5	21.0 +- .7	5.4
032	248	3.2	20.1 +- .6	3.0	17.8 +- .6	5.2
033	235	9.4	MISSING OR DAMAGED DOSIMETER			
034	319	4.9	21.1 +- .6	3.2	18.7 +- .7	5.2
035	151	.7	19.1 +- .6	2.9	16.8 +- .6	5.1
036	148	16.	16.4 +- .5	2.5	14.2 +- .5	4.9
037	148	16.	15.6 +- .5	2.3	13.4 +- .5	4.8
038	148	16.	15.4 +- .5	2.3	13.2 +- .5	4.8

TRANSIT DOSE = 1.7 +- .3 ; 4.4

PEACH BOTTOM  
FOR THE PERIOD 850103-850423

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.2 $\pm$ 1.2	2
11.25-33.75 (NNE)	16.5 $\pm$ .8	3
33.75-56.25 (NE)	16.9 $\pm$ 1.0	2
56.25-78.75 (ENE)	16.1 $\pm$ 0.0	2
78.75-101.25 (E)	20.8 $\pm$ 3.5	2
101.25-123.75 (ESE)	16.2 $\pm$ 2.0	2
123.75-146.25 (SE)	14.6 $\pm$ 0.0	1
146.25-168.75 (SSE)	15.9 $\pm$ .8	3
168.75-191.25 (S)	18.8 $\pm$ 1.2	3
191.25-213.75 (SSW)	17.9 $\pm$ .2	2
213.75-236.25 (SW)	19.7 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.9 $\pm$ .2	2
258.75-281.25 (W)	20.8 $\pm$ .8	2
281.25-303.75 (WNW)	18.1 $\pm$ 2.2	2
303.75-326.25 (NW)	16.6 $\pm$ 3.0	2
326.25-348.75 (NNW)	16.6 $\pm$ .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.6 $\pm$ 1.6	11
2-5	17.5 $\pm$ 2.0	18
>5	17.0 $\pm$ 2.7	4
UPWIND CONTROL DATA	13.6 $\pm$ .5	3

PERRY  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850418 127 DAYS  
 FIELD TIME 88 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		- Rdm; Tot.		mR/Std.@tr. +- Rdm; Tot.	
001	72	5.0	12.3 +- .5	2.7	NO NET DATA	
003	88	5.5	18.2 +- .5	2.7	NO NET DATA	
004	112	6.0	18.0 +- .5	2.7	NO NET DATA	
005	130	4.0	18.3 +- .5	2.7	NO NET DATA	
006	155	5.0	22.1 +- .7	3.3	NO NET DATA	
007	175	5.0	19.9 +- .6	3.0	NO NET DATA	
008	205	4.0	18.9 +- .6	2.8	NO NET DATA	
009	220	5.2	18.0 +- .5	2.7	NO NET DATA	
010	225	7.4	MISSING OR DAMAGED DOSIMETER			
011	240	5.0	19.5 +- .6	2.5	NO NET DATA	
012	225	1.9	24.9 +- .7	3.7	NO NET DATA	
013	225	1.9	17.8 +- .5	2.7	NO NET DATA	
014	212	12.	MISSING OR DAMAGED DOSIMETER			
015	248	1.4	18.1 +- .5	2.7	NO NET DATA	
016	225	0.8	17.2 +- .5	2.6	NO NET DATA	
017	205	0.7	16.0 +- .5	2.4	NO NET DATA	
018	180	0.8	17.3 +- .5	2.6	NO NET DATA	
019	152	1.0	18.2 +- .5	2.7	NO NET DATA	
020	123	1.6	17.4 +- .5	2.6	NO NET DATA	
021	105	1.4	17.5 +- .5	2.6	NO NET DATA	
022	85	1.2	17.7 +- .5	2.7	NO NET DATA	
023	65	1.4	18.4 +- .6	2.8	NO NET DATA	
024	48	0.6	18.2 +- .5	2.7	NO NET DATA	
025	40	0.6	19.3 +- .6	2.9	NO NET DATA	
026	182	2.8	18.2 +- .5	2.7	NO NET DATA	
027	175	2.8	18.1 +- .5	2.7	NO NET DATA	

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

PERRY  
FOR THE PERIOD 841214-850418

## 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)	13.3 $\pm$ .6	2
56.25-78.75 (ENE)	13.0 $\pm$ .1	2
78.75-101.25 (E)	12.7 $\pm$ .3	2
101.25-123.75 (ESE)	12.5 $\pm$ .2	3
123.75-146.25 (SE)	13.0 $\pm$ 0.0	1
146.25-168.75 (SSE)	14.3 $\pm$ 1.9	2
168.75-191.25 (S)	13.0 $\pm$ .8	4
191.25-213.75 (SSW)	12.4 $\pm$ 1.5	2
213.75-236.25 (SW)	12.5 $\pm$ .4	2
236.25-258.75 (WSW)	13.3 $\pm$ .7	2
258.75-281.25 (W)	NO DATA+-NO DATA	0
281.25-303.75 (WNW)	NO DATA+-NO DATA	0
303.75-326.25 (NW)	NO DATA+-NO DATA	0
326.25-348.75 (NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	12.6 $\pm$ .6	11
2-5	13.4 $\pm$ 1.1	6
>5	13.2 $\pm$ .6	5
UPWIND CONTROL DATA	15.1 $\pm$ 3.6	2

PILGRIM  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841218-850409 114 DAYS  
FIELD TIME 85 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Otr. +- Rdm;Tot.
001	288 .1	57.1 +- 1.7 ; 8.6	53.6 +- 1.9 ; 10.9
002	310 .2	25.3 +- .8 ; 3.8	19.9 +- .9 ; 7.2
005	289 .7	24.6 +- .7 ; 3.7	19.2 +- .9 ; 7.2
006	261 1.7	21.2 +- .6 ; 3.2	15.5 +- .8 ; 6.9
007	270 .5	24.7 +- .7 ; 3.7	19.3 +- .9 ; 7.2
008	247 .3	23.5 +- .7 ; 3.5	18.0 +- .9 ; 7.1
009	224 .3	21.9 +- .7 ; 3.3	16.3 +- .8 ; 7.0
010	205 .3	26.1 +- .8 ; 3.9	20.8 +- .9 ; 7.3
011	184 0.3	26.7 +- .8 ; 4.0	21.4 +- 1.0 ; 7.4
012	159 .4	22.9 +- .7 ; 3.4	17.4 +- .8 ; 7.0
013	146 .7	21.6 +- .6 ; 3.2	15.9 +- .8 ; 6.9
014	155 1	21.7 +- .6 ; 3.2	16.1 +- .8 ; 6.9
016	136 1.3	20.7 +- .6 ; 3.1	15.0 +- .8 ; 6.9
018	212 .8	20.3 +- .6 ; 3.0	14.6 +- .8 ; 6.8
019	232 1	20.2 +- .6 ; 3.0	14.5 +- .8 ; 6.8
021	256 1.6	23.1 +- .7 ; 3.5	17.6 +- .8 ; 7.1
022	130 2.5	20.6 +- .6 ; 3.1	14.0 +- .8 ; 6.9
023	146 3.4	21.0 +- .6 ; 3.2	15.4 +- .8 ; 6.9
025	168 1.5	21.6 +- .6 ; 3.2	15.9 +- .8 ; 6.9
026	180 1.3	MISSING OR DAMAGED DOSIMETER	
027	231 1.8	20.6 +- .6 ; 3.1	14.9 +- .8 ; 6.9
030	153 2.2	21.9 +- .7 ; 3.3	16.3 +- .8 ; 7.0
031	179 2.5	20.2 +- .6 ; 3.0	14.5 +- .8 ; 6.8
032	217 2.6	19.6 +- .6 ; 2.9	13.9 +- .8 ; 6.8
033	234 2.5	20.5 +- .6 ; 3.1	14.8 +- .8 ; 6.9
037	264 4.2	22.4 +- .7 ; 3.4	16.8 +- .8 ; 7.0
038	152 3.5	MISSING OR DAMAGED DOSIMETER	
039	155 5.3	MISSING OR DAMAGED DOSIMETER	
040	272 4.6	22.3 +- .7 ; 3.3	16.7 +- .8 ; 7.0
042	281 4.6	22.5 +- .7 ; 3.4	16.9 +- .8 ; 7.0
043	291 5.8	23.7 +- .7 ; 3.6	18.2 +- .9 ; 7.1
045	197 006	19.0 +- .6 ; 2.8	13.2 +- .7 ; 6.7
047	301 26.	MISSING OR DAMAGED DOSIMETER	
048	301 26.	21.0 +- .7 ; 3.3	16.2 +- .8 ; 6.9
049	301 26.	20.9 +- .6 ; 3.1	15.3 +- .8 ; 6.9

TRANSIT DOSE = 6.5 +- .5

## COMMENTS:

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

PILGRIM  
FOR THE PERIOD 841218-850409

## 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)	15.3 $\pm$ .5	4
146.25-168.75 (SSE)	16.4 $\pm$ .7	4
168.75-191.25 (S)	17.8 $\pm$ 4.9	2
191.25-213.75 (SSW)	16.2 $\pm$ 4.0	3
213.75-236.25 (SW)	14.8 $\pm$ .9	5
236.25-258.75 (WSW)	17.8 $\pm$ .3	2
258.75-281.25 (W)	17.0 $\pm$ 1.4	5
281.25-303.75 (WNW)	30.3 $\pm$ 20.1	3
303.75-326.25 (NW)	19.9 $\pm$ 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	19.2 $\pm$ 8.8	18
2-5	15.6 $\pm$ 1.1	9
>5	15.7 $\pm$ 3.6	2
UPWIND CONTROL DATA	15.7 $\pm$ .6	2



PRAIRIE ISLAND  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850409 118 DAYS  
 FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	312 17.	20.7 +- .6	17.5 +- .7
002	310 15.	19.9 +- .6	16.7 +- .7
003	310 15.	19.8 +- .6	16.6 +- .7
004	308 5.5	18.9 +- .6	15.7 +- .6
005	297 4.1	17.0 +- .5	13.8 +- .6
006	287 1.3	18.8 +- .6	15.6 +- .6
007	313 0.8	17.8 +- .5	14.6 +- .6
008	244 0.5	17.9 +- .5	14.7 +- .6
009	194 0.6	19.4 +- .6	16.2 +- .7
010	155 0.5	19.9 +- .6	16.7 +- .7
011	129 1.6	18.3 +- .5	15.1 +- .6
012	153 1.4	19.5 +- .6	16.3 +- .7
013	217 0.6	18.7 +- .6	15.5 +- .6
014	178 0.8	18.3 +- .5	15.1 +- .6
015	272 1.9	18.3 +- .5	15.1 +- .6
016	262 4.6	19.2 +- .6	16.0 +- .6
017	250 4.3	20.9 +- .6	17.6 +- .7
018	225 4.1	18.0 +- .5	14.8 +- .6
019	233 6.7	18.6 +- .6	15.4 +- .6
020	200 4.9	20.2 +- .6	17.0 +- .7
021	187 4.7	20.4 +- .6	17.1 +- .7
022	160 4.4	MISSING OR DAMAGED DOSIMETER	
023	140 4.7	20.2 +- .6	17.0 +- .7
024	131 6.6	19.5 +- .6	16.3 +- .7
025	117 4.9	17.8 +- .5	14.6 +- .6
026	88 1.9	19.4 +- .6	16.2 +- .7
027	69 1.8	18.1 +- .5	14.9 +- .6
028	47 1.6	19.0 +- .6	15.8 +- .6
029	19 1.5	18.0 +- .5	14.8 +- .6
030	356 1.9	18.2 +- .5	15.0 +- .6
031	346 2.4	MISSING OR DAMAGED DOSIMETER	
032	340 3.8	21.4 +- .6	18.2 +- .7
033	8 4.6	20.4 +- .6	17.1 +- .7
034	17 4.7	19.2 +- .6	16.0 +- .6
035	45 11.	18.7 +- .6	15.5 +- .6
036	48 4.7	20.2 +- .6	17.0 +- .7
037	61 4.2	21.6 +- .6	18.4 +- .7
038	86 4.9	19.9 +- .6	16.7 +- .7
039	107 9.1	19.3 +- .6	16.1 +- .7
040	111 3.7	18.4 +- .6	15.2 +- .6

TRANSIT DOSE = 3.0 +- .3 ; 4.7

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.1 $\pm$ 1.5	2
11.25-33.75 (NNE)	15.4 $\pm$ .9	2
33.75-56.25 (NE)	16.1 $\pm$ .8	3
56.25-78.75 (ENE)	16.6 $\pm$ 2.5	2
78.75-101.25 (E)	16.4 $\pm$ .3	2
101.25-123.75 (ESE)	15.3 $\pm$ .8	3
123.75-146.25 (SE)	16.1 $\pm$ 1.0	3
146.25-168.75 (SSE)	16.5 $\pm$ .3	2
168.75-191.25 (S)	16.1 $\pm$ 1.5	2
191.25-213.75 (SSW)	16.6 $\pm$ .6	2
213.75-236.25 (SW)	15.2 $\pm$ .3	3
236.25-258.75 (WSW)	16.2 $\pm$ 2.1	2
258.75-281.25 (W)	15.6 $\pm$ .8	2
281.25-303.75 (WNW)	14.7 $\pm$ 1.2	2
303.75-326.25 (NW)	15.1 $\pm$ .8	2
326.25-348.75 (NNW)	18.2 $\pm$ 0.0	1

DISTANCE(mi) FROM THE REACTOR	AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.4 $\pm$ .7	15
2-5	16.4 $\pm$ 1.3	15
>5	15.8 $\pm$ .4	5
UPWIND CONTROL DATA	13.0 $\pm$ .4	3

QUAD CITIES  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850402 112 DAYS  
 FIELD TIME 88 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE			
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std.Qtr. + Rdm; Tot.			
001	7	0.7	14.0	+- .4	2.1	13.1	+- .5	4.6
002	17	1.2	16.7	+- .5	2.5	15.9	+- .6	4.8
003	45	1.7	13.8	+- .4	2.1	12.9	+- .5	4.6
004	65	1.1	15.1	+- .5	2.3	14.2	+- .5	4.7
005	90	0.8	14.9	+- .4	2.2	14.0	+- .5	4.7
006	136	1.1	15.0	+- .5	2.3	14.2	+- .5	4.7
007	175	1.3	15.3	+- .5	2.3	14.4	+- .5	4.7
008	157	2.0	16.0	+- .5	2.4	15.1	+- .6	4.8
009	186	3.1	15.0	+- .4	2.2	14.1	+- .5	4.7
010	188	7.7	17.5	+- .5	2.6	16.7	+- .6	4.9
011	156	4.2	15.7	+- .5	2.3	14.8	+- .5	4.7
012	142	4.8	14.2	+- .4	2.1	13.4	+- .5	4.6
013	121	3.3	13.8	+- .4	2.1	12.9	+- .5	4.6
014	114	2.0	13.6	+- .4	2.0	12.7	+- .5	4.6
015	86	2.8	15.3	+- .5	2.3	14.5	+- .5	4.7
016	62	4.4	17.3	+- .5	2.6	16.5	+- .6	4.9
017	48	6.1	14.2	+- .4	2.1	13.3	+- .5	4.6
018	39	8.8	14.9	+- .4	2.2	14.0	+- .5	4.7
019	36	4.7	15.0	+- .5	2.3	14.2	+- .5	4.7
020	16	4.3	15.9	+- .5	2.4	15.1	+- .6	4.8
021	358	4.2	16.2	+- .5	2.4	15.4	+- .6	4.8
022	336	4.1	17.0	+- .5	2.5	16.2	+- .6	4.9
023	337	5.7	15.9	+- .5	2.4	15.0	+- .6	4.8
024	317	4.4	16.6	+- .5	2.5	15.8	+- .6	4.8
025	295	4.1	14.8	+- .4	2.2	13.9	+- .5	4.7
026	282	6.9	14.7	+- .4	2.2	13.9	+- .5	4.7
027	265	4.3	14.5	+- .4	2.2	13.7	+- .5	4.7
028	253	4.0	16.4	+- .5	2.5	15.6	+- .6	4.8
029	356	2.8	14.7	+- .4	2.2	13.9	+- .5	4.7
030	335	1.9	16.2	+- .5	2.4	15.3	+- .6	4.8
031	317	2.6	17.9	+- .5	2.7	17.1	+- .6	4.9
032	295	2.5	16.3	+- .5	2.4	15.5	+- .6	4.8
033	266	2.0	15.3	+- .5	2.3	14.5	+- .5	4.7
034	248	2.2	13.9	+- .4	2.1	13.0	+- .5	4.6
035	229	2.6	15.8	+- .5	2.4	14.9	+- .5	4.8
036	204	3.4	15.4	+- .5	2.3	14.6	+- .5	4.7
037	194	8.3	18.2	+- .5	2.7	17.4	+- .6	5.0
038	224	4.6	16.4	+- .5	2.5	15.6	+- .6	4.8
039	30/	15.	15.8	+- .5	2.4	15.0	+- .5	4.8
040	30/	15.	15.3	+- .5	2.3	14.4	+- .5	4.7
041	30/	15.	15.1	+- .5	2.3	14.2	+- .5	4.7

TRANSIT DOSE = 1.1 +- .3 ; 4.0

QUAD CITIES  
FOR THE PERIOD 841213-850402

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	14.1 $\pm$ 1.1	3
11.25-33.75 (NNE)	15.5 $\pm$ .5	2
33.75-56.25 (NE)	13.8 $\pm$ .8	4
56.25-78.75 (ENE)	15.4 $\pm$ 1.6	2
78.75-101.25 (E)	14.2 $\pm$ .3	2
101.25-123.75 (ESE)	12.8 $\pm$ .1	2
123.75-146.25 (SE)	13.8 $\pm$ .8	2
146.25-168.75 (SSE)	15.0 $\pm$ .2	2
168.75-191.25 (S)	15.1 $\pm$ 1.4	3
191.25-213.75 (SSW)	16.0 $\pm$ 2.0	2
213.75-236.25 (SW)	15.3 $\pm$ .5	2
236.25-258.75 (WSW)	14.3 $\pm$ 1.8	2
258.75-281.25 (W)	14.1 $\pm$ .8	2
281.25-303.75 (WNW)	14.4 $\pm$ .9	3
303.75-326.25 (NW)	16.4 $\pm$ .9	2
326.25-348.75 (NNW)	15.5 $\pm$ .8	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	14.2 $\pm$ 1.0	11
2-5	14.8 $\pm$ 1.1	21
>5	15.1 $\pm$ 1.7	6
UPWIND CONTROL DATA	14.5 $\pm$ .4	3

RANCHO SECO  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841211-850424 136 DAYS  
 FIELD TIME 92 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.	
001	288	16.	19.8 +- .6	3.0	13.8 +- .7	6.3
002	239	12.	22.3 +- .7	3.3	16.2 +- .8	6.4
003	213	16.	23.4 +- .7	3.5	17.3 +- .8	6.5
004	149	9.9	19.6 +- .6	2.9	13.6 +- .7	6.3
005	108	8.2	25.4 +- .8	3.8	19.3 +- .8	6.7
006	86	10.	18.6 +- .6	2.8	12.7 +- .7	6.2
007	83	9.7	19.0 +- .6	2.9	13.1 +- .7	6.2
008	37	7.1	18.1 +- .5	2.7	12.2 +- .7	6.2
009	65	0.8	19.3 +- .6	2.9	13.3 +- .7	6.2
010	43	0.7	MISSING OR DAMAGED DOSIMETER			
011	92	0.2	20.1 +- .6	3.0	14.1 +- .7	6.3
012	131	1.6	18.4 +- .6	2.8	12.4 +- .7	6.2
013	358	0.6	MISSING OR DAMAGED DOSIMETER			
014	323	0.7	20.1 +- .6	3.0	14.1 +- .7	6.3
015	151	0.7	18.8 +- .6	2.8	12.9 +- .7	6.2
016	219	0.9	19.7 +- .6	3.0	13.7 +- .7	6.3
017	245	1.5	18.8 +- .6	2.8	12.9 +- .7	6.2
018	254	2.3	19.4 +- .6	2.9	13.4 +- .7	6.2
019	323	7.0	19.9 +- .6	3.0	13.9 +- .7	6.3
020	309	6.3	19.4 +- .6	2.9	13.4 +- .7	6.2
021	279	5.7	20.7 +- .6	3.1	14.7 +- .7	6.3
022	244	6.4	20.5 +- .6	3.1	14.5 +- .7	6.3
023	217	4.6	19.8 +- .6	3.0	13.8 +- .7	6.3
024	350	11.	20.6 +- .6	3.1	14.6 +- .7	6.3
025	318	17.	20.9 +- .6	3.1	14.9 +- .7	6.3
026	311	22.	21.3 +- .6	3.2	15.3 +- .7	6.4
027	306	27.	19.8 +- .6	3.0	13.8 +- .7	6.3
028	306	27.	20.4 +- .6	3.1	14.4 +- .7	6.3
029	306	27.	19.9 +- .6	3.0	13.9 +- .7	6.3
030	306	27.	20.3 +- .6	3.0	14.3 +- .7	6.3
TRANSIT DOSE = 5.7 +- .4 ; 5.7						

RANCHO SECO  
FOR THE PERIOD 841211-850424

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.6 $\pm$ 0.0	1
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	12.2 $\pm$ 0.0	1
56.25-78.75 (ENE)	13.3 $\pm$ 0.0	1
78.75-101.25 (E)	13.3 $\pm$ .7	3
101.25-123.75 (ESE)	19.3 $\pm$ 0.0	1
123.75-146.25 (SE)	12.4 $\pm$ 0.0	1
146.25-168.75 (SSE)	13.2 $\pm$ .6	2
168.75-191.25 (S)	NO DATA+-NO DATA	0
191.25-213.75 (SSW)	17.3 $\pm$ 0.0	1
213.75-236.25 (SW)	13.8 $\pm$ .0	2
236.25-258.75 (WSW)	14.2 $\pm$ 1.5	4
258.75-281.25 (W)	14.7 $\pm$ 0.0	1
281.25-303.75 (WNW)	13.8 $\pm$ 0.0	1
303.75-326.25 (NW)	14.1 $\pm$ .5	6
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	13.3 $\pm$ .7	7
2-5	13.6 $\pm$ .2	2
>5	14.5 $\pm$ 1.6	16
UPWIND CONTROL DATA	14.5 $\pm$ .7	3



RIVER BEND  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850402 112 DAYS  
 FIELD TIME 78 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	348	1.3	18.8	+- .6	2.8
002	42	1.1	19.3	+- .6	2.9
003	61	1.1	18.5	+- .6	2.8
004	90	.8	17.7	+- .5	2.6
005	107	.6	17.5	+- .5	2.6
006	136	.75	19.6	+- .6	2.9
007	166	1	16.9	+- .5	2.5
008	182	.9	19.6	+- .6	2.9
009	195	.6	18.2	+- .5	2.7
010	225	.7	18.7	+- .6	2.8
011	254	.4	18.1	+- .5	2.7
012	276	.6	18.0	+- .5	2.7
013	295	.6	19.1	+- .6	2.9
014	320	.9	18.9	+- .6	2.8
015	332	2.1	17.8	+- .5	2.7
016	312	2.7	19.5	+- .6	2.9
017	302	3.1	16.9	+- .5	2.5
018	278	3.8	15.7	+- .5	2.3
019	242	2.8	20.7	+- .6	3.1
020	195	5.4	18.9	+- .6	2.8
021	215	3	19.7	+- .6	3.0
022	233	7.1	15.7	+- .5	2.3
023	246	9.7	17.5	+- .5	2.6
024	234	7.3	18.4	+- .6	2.8
025	185	7.6	20.8	+- .6	3.1
026	322	7.7	17.0	+- .5	2.6
027	328	10.	19.2	+- .6	2.9
028	340	7.2	18.2	+- .5	2.7
029	354	9.5	18.7	+- .6	2.8
030	360	5.1	18.7	+- .6	2.8
031	221	6.9	18.0	+- .5	2.7
032	40	4.9	19.1	+- .6	2.9
033	52	8.7	15.9	+- .5	2.4
034	65	8.4	18.9	+- .6	2.8
035	87	6.6	16.6	+- .5	2.5
036	326	5.8	18.9	+- .6	2.8
037	329	22	17.8	+- .5	2.7
038	111	3.8	19.6	+- .6	2.9
039	131	5.6	18.5	+- .6	2.8
040	155	6.2	18.3	+- .5	2.7
041	120	9	16.9	+- .5	2.5
042	121	11.	16.4	+- .5	2.5
043	180	1.1	20.0	+- .6	3.0
044	150	28	15.8	+- .5	2.4

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

RIVER BEND  
FOR THE PERIOD 841213-850402

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	21.5 $\pm$ .0	2
11.25-33.75 (NNE)	NO DATA--NO DATA	0
33.75-56.25 (NE)	20.9 $\pm$ 2.2	3
56.25-78.75 (ENE)	21.5 $\pm$ .3	2
78.75-101.25 (E)	19.8 $\pm$ .9	2
101.25-123.75 (ESE)	20.3 $\pm$ 1.6	4
123.75-146.25 (SE)	22.0 $\pm$ .9	2
146.25-168.75 (SSE)	20.3 $\pm$ 1.1	2
168.75-191.25 (S)	23.2 $\pm$ .7	3
191.25-213.75 (SSW)	21.4 $\pm$ .6	2
213.75-236.25 (SW)	20.9 $\pm$ 1.7	5
236.25-258.75 (WSW)	21.8 $\pm$ 2.0	3
258.75-281.25 (W)	19.4 $\pm$ 1.9	2
281.25-303.75 (WNW)	20.7 $\pm$ 1.8	2
303.75-326.25 (NW)	21.4 $\pm$ 1.2	4
326.25-348.75 (NNW)	21.2 $\pm$ .7	5

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	21.4 $\pm$ 1.0	15
2-5	21.5 $\pm$ 1.9	8
>5	20.7 $\pm$ 1.5	20
UPWIND CONTROL DATA	18.2 $\pm$ 0.0	1

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm; Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.		RATE
001	191	0.2	17.1 +- .5	:	2.6	15.2 +- .6	:	5.4
002	151	1.9	20.9 +- .6	:	3.1	19.2 +- .7	:	5.7
003	134	2.0	19.6 +- .6	:	2.9	17.9 +- .7	:	5.6
004	119	1.9	16.2 +- .5	:	2.4	14.3 +- .6	:	5.3
005	89	2.1	19.2 +- .6	:	2.9	17.5 +- .7	:	5.5
006	65	1.0	17.9 +- .5	:	2.7	16.1 +- .6	:	5.4
007	46	1.8	19.5 +- .6	:	2.9	17.8 +- .7	:	5.6
008	27	1.9	19.1 +- .6	:	2.9	17.4 +- .7	:	5.5
009	22	3.5	19.9 +- .6	:	3.0	18.2 +- .7	:	5.6
010	0	5.0	18.5 +- .6	:	2.8	16.7 +- .7	:	5.5
011	51	4.8	20.4 +- .6	:	3.1	18.8 +- .7	:	5.7
012	67	4.1	MISSING OR DAMAGED DOSIMETER					
013	87	4.5	16.0 +- .5	:	2.4	14.1 +- .6	:	5.3
014	109	5.0	16.6 +- .5	:	2.5	14.7 +- .6	:	5.3
015	118	4.8	17.6 +- .5	:	2.6	15.8 +- .6	:	5.4
016	138	5.3	19.6 +- .6	:	2.9	17.9 +- .7	:	5.6
017	111	17.	17.6 +- .5	:	2.6	15.8 +- .6	:	5.4
018	199	13'	17.6 +- .5	:	2.6	15.7 +- .6	:	5.4
019	208	4.8	22.1 +- .7	:	3.3	20.6 +- .8	:	5.8
020	225	4.0	20.7 +- .6	:	3.1	19.1 +- .7	:	5.7
021	178	4.6	15.1 +- .5	:	2.3	13.1 +- .6	:	5.2
022	167	3.7	17.6 +- .5	:	2.6	15.8 +- .6	:	5.4
023	181	2.3	17.2 +- .5	:	2.6	15.3 +- .6	:	5.4
024	194	2.0	20.5 +- .6	:	3.1	18.9 +- .7	:	5.7
025	228	2.1	17.6 +- .5	:	2.6	15.7 +- .6	:	5.4
026	245	1.5	17.1 +- .5	:	2.6	15.3 +- .6	:	5.4
027	273	1.8	16.0 +- .5	:	2.4	14.0 +- .6	:	5.3
028	287	2.0	15.3 +- .5	:	2.3	13.3 +- .6	:	5.2
029	311	1.6	19.1 +- .6	:	2.9	17.4 +- .7	:	5.5
030	334	1.9	18.2 +- .5	:	2.7	16.4 +- .7	:	5.5
031	353	1.8	16.3 +- .5	:	2.4	14.4 +- .6	:	5.3
032	333	4.0	18.5 +- .6	:	2.8	16.7 +- .7	:	5.5
033	318	4.7	19.2 +- .6	:	2.9	17.5 +- .7	:	5.6
034	310	6.9	15.8 +- .5	:	2.4	13.9 +- .6	:	5.3
035	295	4.0	MISSING OR DAMAGED DOSIMETER					
036	269	4.8	MISSING OR DAMAGED DOSIMETER					
037	252	4.6	19.4 +- .6	:	2.9	17.7 +- .7	:	5.6
038	274	11'	18.3 +- .5	:	2.7	16.5 +- .7	:	5.5
039	281	15.	17.3 +- .5	:	2.6	15.4 +- .6	:	5.4
040	289	16'	16.0 +- .5	:	2.4	14.0 +- .6	:	5.3
041	291	17'	16.9 +- .5	:	2.5	15.0 +- .6	:	5.4
TRANSIT DOSE = 2.7 +- .3 : 4.4								

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	15.6 $\pm$ 1.1	3
11.25-33.75 (NNE)	17.8 $\pm$ .6	2
33.75-56.25 (NE)	18.3 $\pm$ .7	2
56.25-78.75 (ENE)	16.1 $\pm$ 0.0	1
78.75-101.25 (E)	15.8 $\pm$ 2.4	2
101.25-123.75 (ESE)	14.8 $\pm$ .8	3
123.75-146.25 (SE)	17.8 $\pm$ .0	2
146.25-168.75 (SSE)	17.5 $\pm$ 2.4	2
168.75-191.25 (S)	14.6 $\pm$ 1.2	3
191.25-213.75 (SSW)	18.4 $\pm$ 2.4	3
213.75-236.25 (SW)	17.4 $\pm$ 2.4	2
236.25-258.75 (WSW)	16.5 $\pm$ 1.7	2
258.75-281.25 (W)	15.3 $\pm$ 1.7	2
281.25-303.75 (WNW)	13.3 $\pm$ 0.0	1
303.75-326.25 (NW)	16.2 $\pm$ 2.0	3
326.25-348.75 (NNW)	16.5 $\pm$ .2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	16.2 $\pm$ 1.9	14
2-5	16.7 $\pm$ 2.0	16
>5	15.8 $\pm$ 1.4	5
UPWIND CONTROL DATA	14.8 $\pm$ .7	3

ST.LUCIE  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850409 115 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	20	0.3	15.5	+-	.5	13.0	+-	.5	4.8
002	45	0.2	16.4	+-	.5	13.9	+-	.5	4.9
003	67	0.2	15.2	+-	.5	12.7	+-	.5	4.8
004	92	0.3	15.9	+-	.5	13.4	+-	.5	4.9
005	115	0.4	14.7	+-	.4	12.2	+-	.5	4.8
006	143	1.1	12.8	+-	.4	10.4	+-	.5	4.7
007	150	2.0	12.4	+-	.4	10.0	+-	.5	4.7
008	154	4.7	15.5	+-	.5	13.0	+-	.5	4.8
009	152	23'	15.1	+-	.5	12.6	+-	.5	4.8
010	152	23'	13.9	+-	.4	11.5	+-	.5	4.7
011	152	23'	15.4	+-	.5	12.9	+-	.5	4.8
012	16'	14.	14.2	+-	.4	11.0	+-	.5	4.8
013	18'	10.	15.3	+-	.5	12.0	+-	.5	4.8
014	18'	11.	17.3	+-	.5	14.7	+-	.5	5.0
015	170	8.0	13.9	+-	.4	11.4	+-	.5	4.7
016	196	7.0	13.9	+-	.4	11.4	+-	.5	4.7
017	229	7.9	17.9	+-	.5	15.3	+-	.5	5.0
018	250	6.6	14.2	+-	.4	11.7	+-	.5	4.8
019	247	4.8	13.0	+-	.4	10.6	+-	.5	4.7
020	229	5.0	14.5	+-	.4	12.0	+-	.5	4.8
021	208	3.8	15.2	+-	.5	12.7	+-	.5	4.8
022	187	3.8	13.7	+-	.4	11.3	+-	.5	4.7
023	203	2.6	13.5	+-	.4	11.1	+-	.5	4.7
024	245	1.9	13.8	+-	.4	11.4	+-	.5	4.7
025	280	2.2	14.4	+-	.4	11.9	+-	.5	4.8
026	299	3.1	14.2	+-	.4	11.7	+-	.5	4.8
027	305	3.8	13.6	+-	.4	11.2	+-	.5	4.7
028	276	4.0	13.4	+-	.4	11.0	+-	.5	4.7
029	293	5.8	13.9	+-	.4	11.4	+-	.5	4.7
030	316	7.7	13.7	+-	.4	11.3	+-	.5	4.7
032	30'	10.	15.1	+-	.5	12.6	+-	.5	4.8
033	322	8.7	15.3	+-	.5	12.8	+-	.5	4.8
034	339	8.8	12.9	+-	.4	10.5	+-	.5	4.7
035	342	2.9	13.1	+-	.4	10.7	+-	.5	4.7
036	346	1.9	14.3	+-	.4	11.8	+-	.5	4.8
037	353	1.0	13.0	+-	.4	10.6	+-	.5	4.7
038	226	2.0	14.2	+-	.4	11.8	+-	.5	4.8

TRANSIT DOSE = 1.9 +- .3 ; 4.5

ST. LUCIE  
FOR THE PERIOD 841217-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	10.6 $\pm$ 0.0	1
11.25-33.75 (NNE)	13.0 $\pm$ 1.1	5
33.75-56.25 (NE)	13.9 $\pm$ 0.0	1
56.25-78.75 (ENE)	12.7 $\pm$ 0.0	1
78.75-101.25 (E)	13.4 $\pm$ 0.0	1
101.25-123.75 (ESE)	12.2 $\pm$ 0.0	1
123.75-146.25 (SE)	10.4 $\pm$ 0.0	1
146.25-168.75 (SSE)	11.5 $\pm$ 2.1	2
168.75-191.25 (S)	11.4 $\pm$ .1	2
191.25-213.75 (SSW)	11.7 $\pm$ .9	3
213.75-236.25 (SW)	13.0 $\pm$ 2.0	3
236.25-258.75 (WSW)	11.2 $\pm$ .6	3
258.75-281.25 (W)	11.4 $\pm$ .7	2
281.25-303.75 (WNW)	11.6 $\pm$ .2	2
303.75-326.25 (NW)	11.7 $\pm$ .9	3
326.25-348.75 (NNW)	11.0 $\pm$ .7	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	11.9 $\pm$ 1.3	11
2-5	11.6 $\pm$ .8	11
>5	12.3 $\pm$ 1.4	12
UPWIND CONTROL DATA	12.3 $\pm$ .8	3



SALEM  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841218-850416 121 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	877	3.3	17.4 +- .5	2.6	13.9 +- .6	5.4
002	79	3.4	16.6 +- .5	2.5	13.1 +- .6	5.3
003	72	3.6	18.0 +- .5	2.7	14.4 +- .6	5.4
004	58	4.2	17.6 +- .5	2.6	14.0 +- .6	5.4
005	54	4.9	15.6 +- .5	2.3	12.1 +- .6	5.3
006	68	8.6	15.0 +- .4	2.2	11.5 +- .5	5.2
007	40	5.7	16.3 +- .5	2.4	12.8 +- .6	5.3
008	116	12.	16.7 +- .5	2.5	13.1 +- .6	5.3
010	8	5.8	16.8 +- .5	2.5	13.3 +- .6	5.3
011	15	8.1	16.1 +- .5	2.4	12.6 +- .6	5.3
012	24	8.6	15.2 +- .5	2.3	11.7 +- .5	5.2
013	49	8.6	15.2 +- .5	2.3	11.7 +- .5	5.2
014	90	6.7	14.9 +- .4	2.2	11.4 +- .5	5.2
015	105	6.4	14.8 +- .4	2.2	11.3 +- .5	5.2
TRANSIT DOSE = 3.2 +- .3			; 4.8			

## 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 841218-850416

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.3 $\pm$ 0.0	1
11.25-33.75 (NNE)	12.1 $\pm$ .6	2
33.75-56.25 (NE)	12.2 $\pm$ .5	3
56.25-78.75 (ENE)	13.3 $\pm$ 1.6	3
78.75-101.25 (E)	12.8 $\pm$ 1.3	3
101.25-123.75 (ESE)	12.2 $\pm$ 1.3	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	13.5 $\pm$ .9	5
>5	12.2 $\pm$ .8	9
UPWIND CONTROL DATA	NO DATA	NO DATA

SALEM  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841218-850416 121 DAYS  
 FIELD TIME 92 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
017	331 4.2	20.4 +- .6	17.7 +- .7
018	320 3.8	17.2 +- .5	14.6 +- .6
019	299 3.4	19.7 +- .6	17.0 +- .6
020	330 9.5	22.3 +- .7	19.5 +- .7
021	276 3.6	21.1 +- .6	18.4 +- .7
022	266 4.7	20.0 +- .6	17.3 +- .7
023	257 4.4	20.2 +- .6	17.5 +- .7
024	240 4.4	20.7 +- .6	18.0 +- .7
025	217 4.9	19.9 +- .6	17.2 +- .7
026	204 3.9	19.1 +- .6	16.4 +- .6
027	188 4.2	20.4 +- .6	17.7 +- .7
028	319 20	24.1 +- .7	21.3 +- .8
029	265 6.7	17.6 +- .5	15.0 +- .6
030	353 12.	18.8 +- .6	16.1 +- .6
031	0 18	19.9 +- .6	17.2 +- .7
032	338 8.1	18.4 +- .6	15.8 +- .6
033	265 9.8	21.3 +- .6	18.5 +- .7
034	270 14.	20.1 +- .6	17.4 +- .7
TRANSIT DOSE = 2.3 +- .3		4.5	

## COMMENTS:

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

SALEM  
FOR THE PERIOD 841218-850416

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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)	17.7 $\pm$ 0.0	1
191.25-213.75 (SSW)	16.4 $\pm$ 0.0	1
213.75-236.25 (SW)	17.2 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.8 $\pm$ .3	2
258.75-281.25 (W)	17.3 $\pm$ 1.4	5
281.25-303.75 (WNW)	17.0 $\pm$ 0.0	1
303.75-326.25 (NW)	14.6 $\pm$ 0.0	1
326.25-348.75 (NNW)	17.6 $\pm$ 1.9	3

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	17.2 $\pm$ 1.1	10
>5	17.2 $\pm$ 1.9	5
UPWIND CONTROL DATA	16.2 $\pm$ 2.7	3

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)		GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/std.Qtr. +- Rdm; Tot.	
001	346	35.	29.5 +- .9	4.4	24.6 +- 1.0	7.3
002	346	35.	27.0 +- .8	4.0	22.0 +- .9	7.1
003	346	35.	25.8 +- .8	3.9	20.7 +- .9	7.0
004	327	11.	22.7 +- .7	3.4	17.5 +- .8	6.7
005	308	14.	25.1 +- .8	3.8	20.0 +- .9	6.9
006	307	10.	21.9 +- .7	3.3	16.7 +- .8	6.6
007	318	6.3	23.1 +- .7	3.5	17.9 +- .8	6.7
008	322	5.1	24.9 +- .7	3.7	19.0 +- .9	6.9
009	311	3.3	22.7 +- .7	3.4	17.5 +- .8	6.7
010	331	3.3	MISSING OR DAMAGED DOSIMETER			
011	300	2.6	24.7 +- .7	3.7	19.6 +- .9	6.9
012	285	0.5	27.6 +- .8	4.1	22.6 +- .9	7.1
013	320	2.4	23.0 +- .7	3.4	17.0 +- .8	6.7
014	320	1.7	23.0 +- .7	3.4	17.0 +- .8	6.7
015	333	1.2	24.0 +- .7	3.6	18.0 +- .8	6.8
016	30	1.9	25.2 +- .8	3.8	20.1 +- .9	6.9
017	8	1.3	20.8 +- .6	3.1	15.6 +- .8	6.5
018	39/	2.7	26.7 +- .8	4.0	21.6 +- .9	7.0
019	55	2.9	23.9 +- .7	3.6	18.0 +- .8	6.8
020	77	4.1	24.4 +- .7	3.7	19.3 +- .9	6.8
021	87	4.7	25.9 +- .8	3.9	20.0 +- .9	7.0
022	25	3.4	20.0 +- .8	4.2	23.0 +- .9	7.2
023	357	3.5	26.7 +- .8	4.0	21.6 +- .9	7.0
024	25	0.4	21.8 +- .7	3.3	16.6 +- .8	6.6
025	81	0.4	22.1 +- .7	3.3	16.9 +- .8	6.6
026	126	2.1	21.3 +- .6	3.2	16.1 +- .8	6.6
027	130	0.6	21.9 +- .7	3.3	16.7 +- .8	6.6
028	99	0.9	20.8 +- .6	3.1	15.6 +- .8	6.5
029	135	11.	21.6 +- .6	3.2	16.4 +- .8	6.6
030	126	2.0	17.7 +- .5	2.7	12.4 +- .7	6.3
031	128	3.7	MISSING OR DAMAGED DOSIMETER			
032	140	22.	22.3 +- .7	3.3	17.1 +- .8	6.7
033	120	26.	19.4 +- .6	2.9	14.1 +- .7	6.4
TRANSIT DOSE = 5.7 +- .4 ; 5.5						

SAN ONOFRE  
FOR THE PERIOD 841211-850424

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.8 $\pm$ 4.3	2
11.25-33.75 (NNE)	19.8 $\pm$ 3.2	3
33.75-56.25 (NE)	20.2 $\pm$ 2.0	2
56.25-78.75 (ENE)	19.3 $\pm$ 0.0	1
78.75-101.25 (E)	17.8 $\pm$ 2.7	3
101.25-123.75 (ESE)	14.1 $\pm$ 0.0	1
123.75-146.25 (SE)	15.7 $\pm$ 1.9	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)	21.1 $\pm$ 2.1	2
303.75-326.25 (NW)	18.2 $\pm$ 1.2	7
326.25-348.75 (NNW)	18.2 $\pm$ 1.0	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	18.1 $\pm$ 3.2	9
2-5	19.4 $\pm$ 2.2	9
>5	17.2 $\pm$ 1.0	10
UPWIND CONTROL DATA	22.4 $\pm$ 2.0	3



NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+/- Rdm; Tot.		mR/Std. Qtr. +/- Rdm; Tot.	
001	157	.7	20.1	+- .6	18.7	+- .7
002	179	.7	19.8	+- .6	18.4	+- .6
003	199	.7	18.2	+- .5	16.8	+- .6
004	223	.9	19.5	+- .6	18.1	+- .6
005	244	1.2	19.1	+- .6	17.7	+- .6
006	293	1	19.8	+- .6	18.4	+- .6
007	275	.5	19.3	+- .6	17.9	+- .6
008	317	2.8	18.9	+- .6	17.5	+- .6
009	331	1.6	21.1	+- .6	19.7	+- .7
010	358	1.9	18.9	+- .6	17.5	+- .6
011	20	2.6	20.0	+- .6	18.6	+- .7
012	50	2.1	18.0	+- .5	16.6	+- .6
013	82	1.7	19.4	+- .6	18.0	+- .6
014	43	4.1	20.2	+- .6	18.8	+- .7
015	0	4	20.6	+- .6	19.2	+- .7
016	20	12.	20.2	+- .6	18.8	+- .7
017	322	7.3	22.2	+- .7	20.0	+- .7
018	292	3.9	20.2	+- .6	18.8	+- .7
019	269	9.9	19.1	+- .6	17.7	+- .6
020	253	4.2	20.3	+- .6	18.9	+- .7
021	232	4.7	19.8	+- .6	18.4	+- .7
022	213	6.1	21.7	+- .7	20.3	+- .7
023	189	6.6	21.3	+- .6	19.9	+- .7
024	166	7.2	17.8	+- .5	16.4	+- .6
025	177	4.1	18.9	+- .6	17.5	+- .6
026	159	4	17.3	+- .5	15.9	+- .6
027	138	2.4	19.6	+- .6	18.3	+- .6
028	117	4.4	19.3	+- .6	17.9	+- .6
030	66	2.1	20.5	+- .6	19.1	+- .7
031	336	5.4	20.0	+- .6	18.6	+- .7
032	237	18.	21.3	+- .6	19.9	+- .7
033	237	18.	20.7	+- .6	19.3	+- .7
034	237	18.	MISSING OR DAMAGED DOSIMETER			
035	237	18.	MISSING OR DAMAGED DOSIMETER			

TRANSIT DOSE = 1.4 +- .3 : 4.2

SEABROOK  
FOR THE PERIOD 841218-850402

## 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 $\pm$ 1.2	2
11.25-33.75 (NNE)	18.7 $\pm$ .1	2
33.75-56.25 (NE)	17.7 $\pm$ 1.6	2
56.25-78.75 (ENE)	19.1 $\pm$ 0.0	1
78.75-101.25 (E)	18.0 $\pm$ 0.0	1
101.25-123.75 (ESE)	17.9 $\pm$ 0.0	1
123.75-146.25 (SE)	18.2 $\pm$ 0.0	1
146.25-168.75 (SSE)	17.0 $\pm$ 1.5	3
168.75-191.25 (S)	18.6 $\pm$ 1.2	3
191.25-213.75 (SSW)	18.5 $\pm$ 2.5	2
213.75-236.25 (SW)	18.3 $\pm$ .2	2
236.25-258.75 (WSW)	18.3 $\pm$ .9	2
258.75-281.25 (W)	17.8 $\pm$ .2	2
281.25-303.75 (WNW)	18.6 $\pm$ .3	2
303.75-326.25 (NW)	19.1 $\pm$ 2.4	2
326.25-348.75 (NNW)	19.1 $\pm$ .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	18.1 $\pm$ .8	10
2-5	18.1 $\pm$ 1.0	13
>5	18.8 $\pm$ 1.5	7
UPWIND CONTROL DATA	19.6 $\pm$ .4	2

SEQUOYAH  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841217-850416 122 DAYS  
FIELD TIME 97 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std. Qtr. +- Rdm; Tot.
001	218 12.	19.1 +- .6	16.8 +- .4
002	20/ 13.	16.1 +- .5	14.4 +- .3
003	203 3.9	22.0 +- .7	19.5 +- .5
004	199 2.0	18.1 +- .5	15.9 +- .3
005	181 1.4	23.9 +- .7	21.3 +- .5
006	153 1.5	16.3 +- .5	14.2 +- .3
007	139 1.9	16.4 +- .5	14.3 +- .3
008	115 1.8	17.8 +- .5	15.6 +- .3
009	84 1.6	15.3 +- .5	13.3 +- .3
010	66 1.3	17.3 +- .5	15.1 +- .3
011	45 1.5	19.8 +- .5	16.7 +- .3
012	14 2.0	21.2 +- .5	18.7 +- .3
013	2.0 2.1	20.8 +- .5	17.7 +- .3
014	19 3.9	17.6 +- .5	15.4 +- .3
015	48 4.0	15.1 +- .5	13.1 +- .3
016	65 4.9	16.6 +- .5	14.5 +- .3
017	90 3.9	18.6 +- .5	16.3 +- .3
018	111 3.4	17.3 +- .5	15.2 +- .3
019	135 3.4	17.1 +- .5	14.9 +- .3
020	158 3.4	14.8 +- .5	12.8 +- .3
021	184 4.6	19.4 +- .5	17.1 +- .3
022	233 11.	15.1 +- .5	13.1 +- .3
023	219 4.9	MISSING OR DAMAGED DOSIMETER	
024	241 4.3	17.1 +- .5	15.8 +- .3
025	235 2.0	15.4 +- .5	13.4 +- .3
026	248 1.5	19.1 +- .5	16.8 +- .3
027	266 1.2	16.3 +- .5	14.2 +- .3
028	291 1.2	17.4 +- .5	15.2 +- .3
029	309 1.2	17.7 +- .5	15.5 +- .3
030	330 0.5	18.6 +- .5	16.3 +- .3
031	339 1.8	19.8 +- .5	17.7 +- .3
032	355 4.9	15.3 +- .5	13.3 +- .3
033	334 3.6	16.5 +- .5	14.4 +- .3
034	317 4.4	14.8 +- .5	12.8 +- .3
035	277 5.6	16.7 +- .5	14.5 +- .3
036	283 3.6	15.9 +- .5	13.9 +- .3
037	273 4.4	16.6 +- .5	14.5 +- .3
038	30/ 19.	17.2 +- .5	15.8 +- .3
039	298 18	18.9 +- .5	16.8 +- .3
040	289 18	16.3 +- .5	14.3 +- .3
041	318 6.1	18.1 +- .5	15.9 +- .3
TRANSIT DOSE = 1.0 +- .3 ; 4.3			

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 $\pm$ 3.1	2
11.25-33.75 (NNE)	16.0 $\pm$ 2.4	3
33.75-56.25 (NE)	14.9 $\pm$ 2.6	2
56.25-78.75 (ENE)	14.8 $\pm$ .5	2
78.75-101.25 (E)	14.8 $\pm$ 2.1	2
101.25-123.75 (ESE)	15.4 $\pm$ .3	2
123.75-146.25 (SE)	14.6 $\pm$ .5	2
146.25-168.75 (SSE)	13.5 $\pm$ 1.0	2
168.75-191.25 (S)	19.2 $\pm$ 3.0	2
191.25-213.75 (SSW)	17.7 $\pm$ 2.6	2
213.75-236.25 (SW)	14.4 $\pm$ 2.1	3
236.25-258.75 (WSW)	15.9 $\pm$ 1.3	2
258.75-281.25 (W)	14.4 $\pm$ .2	3
281.25-303.75 (WNW)	14.5 $\pm$ 1.0	2
303.75-326.25 (NW)	14.7 $\pm$ 1.7	3
326.25-348.75 (NNW)	16.1 $\pm$ 1.6	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.9 $\pm$ 2.1	16
2-5	15.0 $\pm$ 1.9	16
>5	14.9 $\pm$ 1.5	5
UPWIND CONTROL DATA	15.3 $\pm$ 1.3	3

SHOREHAM  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841218-850418 123 DAYS  
 FIELD TIME 86 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	262	10	17.1 +- .5	2.6	14.6 +- .6	5.5
002	268	4.4	18.8 +- .6	2.8	16.4 +- .7	5.6
003	256	3.2	20.7 +- .6	3.1	18.4 +- .7	5.8
004	268	2.1	18.0 +- .5	2.7	15.6 +- .6	5.5
005	243	1.7	18.5 +- .6	2.8	16.1 +- .7	5.6
007	136	1.5	MISSING OR DAMAGED DOSIMETER			
008	116	0.9	20.7 +- .6	3.1	18.4 +- .7	5.8
009	91	0.8	17.0 +- .5	2.5	14.5 +- .6	5.5
010	73	0.7	16.7 +- .5	2.5	14.2 +- .6	5.4
011	62.	0.7	17.2 +- .5	2.6	14.7 +- .6	5.5
012	75	1.6	17.6 +- .5	2.6	15.2 +- .6	5.5
013	88	2.1	18.0 +- .5	2.7	15.6 +- .6	5.5
014	119	4.6	16.9 +- .5	2.5	14.4 +- .6	5.5
015	110	10.	18.8 +- .5	2.8	16.4 +- .7	5.6
016	138	14.	18.0 +- .5	2.7	15.5 +- .6	5.5
017	162	12.	17.9 +- .5	2.7	15.5 +- .6	5.5
018	174	11.	17.8 +- .5	2.7	15.3 +- .6	5.5
019	189	5.1	17.8 +- .5	2.7	15.4 +- .6	5.5
021	163	2.5	18.4 +- .5	2.8	16.0 +- .7	5.6
022	149	1.5	20.0 +- .5	3.0	17.6 +- .7	5.7
023	177	1.3	19.5 +- .5	2.9	17.1 +- .7	5.7
024	196	1.2	17.3 +- .5	2.6	14.9 +- .6	5.5
025	217	1.5	MISSING OR DAMAGED DOSIMETER			
026	215	4.6	16.4 +- .5	2.5	13.9 +- .6	5.4
027	205	4.2	18.3 +- .5	2.7	15.8 +- .7	5.6
028	233	11	17.5 +- .5	2.6	15.0 +- .6	5.5
029	224	13.	17.3 +- .5	2.6	14.9 +- .6	5.5
030	202	14.	17.7 +- .5	2.6	15.2 +- .6	5.5
031	210	15.	17.3 +- .5	2.6	14.9 +- .6	5.5
032	210	15.	MISSING OR DAMAGED DOSIMETER			
033	210	15.	17.8 +- .5	2.7	15.3 +- .6	5.5
034	27	.2	19.2 +- .6	2.9	16.8 +- .7	5.6
035	50	.3	18.9 +- .6	2.8	16.5 +- .7	5.6
036	133	3.9	17.7 +- .5	2.6	15.2 +- .6	5.5

TRANSIT DOSE = 3.1 +- .3 ; 4.6

SHOREHAM  
FOR THE PERIOD 841218-850418

## 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)	16.8 $\pm$ 0.0	1
33.75-56.25 (NE)	16.5 $\pm$ 0.0	1
56.25-78.75 (ENE)	14.7 $\pm$ .5	3
78.75-101.25 (E)	15.0 $\pm$ .8	2
101.25-123.75 (ESE)	16.4 $\pm$ 2.0	3
123.75-146.25 (SE)	15.4 $\pm$ .2	2
146.25-168.75 (SSE)	16.4 $\pm$ 1.1	3
168.75-191.25 (S)	15.9 $\pm$ 1.0	3
191.25-213.75 (SSW)	15.3 $\pm$ .5	3
213.75-236.25 (SW)	14.6 $\pm$ .6	3
236.25-258.75 (WSW)	17.2 $\pm$ 1.6	2
258.75-281.25 (W)	15.5 $\pm$ .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	16.0 $\pm$ 1.4	11
2-5	15.7 $\pm$ 1.3	9
>5	15.3 $\pm$ .5	9
UPWIND CONTROL DATA	15.1 $\pm$ .3	2



SUMMER  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841217-850424 130 DAYS  
FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)		NET EXPOSURE RATE		
	AZIMUTH/DIST (deg.) (mi.)		+ Rdm; Tot.		mR/Std. Qtr. + Rdm; Tot.		
001	199	3.7	24.4	+- .7	3.7	21.9	+- .8 ; 6.3
002	111	1.0	24.3	+- .7	3.6	21.8	+- .8 ; 6.3
003	340	4.1	27.7	+- .8	4.2	25.5	+- .9 ; 6.6
004	192	9.3	24.0	+- .7	3.6	21.5	+- .8 ; 6.3
005	72	1.8	26.8	+- .8	4.0	24.8	+- .9 ; 6.6
006	54	1.5	25.3	+- .8	3.8	22.9	+- .9 ; 6.4
007	46	3.0	30.0	+- .9	4.5	27.9	+- 1.0 ; 6.9
008	31	3.0	32.7	+- 1.0	4.9	30.8	+- 1.1 ; 7.2
009	13	3.9	MISSING OR DAMAGED DOSIMETER				
010	7	4.0	30.5	+- .9	4.6	28.4	+- 1.0 ; 6.9
011	349	4.3	MISSING OR DAMAGED DOSIMETER				
012	323	5.0	29.8	+- .9	4.5	27.7	+- 1.0 ; 6.8
013	333	3.0	27.0	+- .8	4.1	24.7	+- .9 ; 6.6
014	255	2.8	19.7	+- .6	2.9	17.0	+- .7 ; 5.9
015	308	5.6	28.4	+- .9	4.3	26.2	+- 1.0 ; 6.7
016	64	3.5	27.4	+- .8	4.1	25.2	+- .9 ; 6.6
017	98	3.1	25.2	+- .8	3.8	22.8	+- .9 ; 6.4
018	114	3.5	24.8	+- .7	3.7	22.4	+- .8 ; 6.3
019	132	2.0	25.0	+- .7	3.7	22.6	+- .9 ; 6.4
020	152	4.5	23.6	+- .7	3.5	21.1	+- .8 ; 6.2
021	133	4.1	17.8	+- .5	2.7	15.0	+- .7 ; 5.7
022	157	2.4	20.0	+- .6	3.0	17.0	+- .7 ; 5.9
023	173	2.4	22.1	+- .7	3.3	19.5	+- .8 ; 6.1
024	185	3.9	23.2	+- .7	3.5	20.7	+- .8 ; 6.2
025	210	3.3	23.0	+- .7	3.5	20.5	+- .8 ; 6.2
026	217	3.3	20.5	+- .6	3.1	17.8	+- .7 ; 5.9
027	231	3.1	19.7	+- .6	2.9	17.0	+- .7 ; 5.7
028	267	2.7	26.5	+- .6	4.0	24.2	+- .9 ; 6.5
029	276	3.4	27.1	+- .8	4.1	24.8	+- .9 ; 6.6
030	293	3.8	MISSING OR DAMAGED DOSIMETER				
031	244	3.6	23.0	+- .7	3.5	20.5	+- .8 ; 6.2
032	247	6.2	24.5	+- .7	3.7	22.0	+- .8 ; 6.3
033	216	9.0	24.3	+- .7	3.6	21.9	+- .8 ; 6.3
034	192	9.3	22.3	+- .7	3.3	19.7	+- .8 ; 6.1
035	184	14.	MISSING OR DAMAGED DOSIMETER				
036	183	15	17.4	+- .5	2.6	14.6	+- .6 ; 5.7
037	182	15	18.6	+- .6	2.8	15.8	+- .7 ; 5.8
038	148	21	23.9	+- .7	3.6	21.4	+- .8 ; 6.3
039	14	25.	24.7	+- .7	3.7	22.3	+- .9 ; 6.3
040	13	23.	24.9	+- .7	3.7	22.5	+- .9 ; 6.4
TRANSIT DOSE = 3.6 +- .3 ; 4.7							

SUMMER  
FOR THE PERIOD 841217-850424

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	28.4 $\pm$ 0.0	1
11.25-33.75 (NNE)	25.2 $\pm$ 4.8	3
33.75-56.25 (NE)	25.4 $\pm$ 3.5	2
56.25-78.75 (ENE)	24.8 $\pm$ .5	2
78.75-101.25 (E)	22.8 $\pm$ 0.0	1
101.25-123.75 (ESE)	22.1 $\pm$ .4	2
123.75-146.25 (SE)	18.8 $\pm$ 5.4	2
146.25-168.75 (SSE)	19.9 $\pm$ 2.3	3
168.75-191.25 (S)	20.1 $\pm$ .8	2
191.25-213.75 (SSW)	20.9 $\pm$ 1.0	4
213.75-236.25 (SW)	18.9 $\pm$ 2.6	3
236.25-258.75 (WSW)	19.8 $\pm$ 2.6	3
258.75-281.25 (W)	24.5 $\pm$ .4	2
281.25-303.75 (WNW)	NO DATA $\pm$ NO DATA	0
303.75-326.25 (NW)	26.9 $\pm$ 1.1	2
326.25-348.75 (NNW)	25.1 $\pm$ .5	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	22.9 $\pm$ 1.1	4
2-5	22.4 $\pm$ 4.2	22
>5	22.2 $\pm$ 1.8	8
UPWIND CONTROL DATA	15.2 $\pm$ .8	2

SURRY  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841214-850409 118 DAYS  
 FIELD TIME 85 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std. Qtr. + - Rdm; Tot.	
001	118	19'	17.1 +- .5	2.6	15.7 +- .6	5.3
002	12/	17.	19.4 +- .6	2.9	18.1 +- .7	5.4
003	16/	16.	17.5 +- .5	2.6	16.1 +- .6	5.3
004	16/	16.	14.3 +- .4	2.1	12.7 +- .5	5.0
005	156	5.1	19.5 +- .6	2.9	18.2 +- .7	5.5
006	189	4.1	16.4 +- .5	2.5	14.9 +- .6	5.2
007	202	2.2	16.2 +- .5	2.4	14.7 +- .6	5.2
008	183	1.6	18.6 +- .6	2.8	17.3 +- .7	5.4
009	243	0.2	20.9 +- .6	3.1	19.7 +- .7	5.6
010	269	0.1	25.0 +- .7	3.7	24.0 +- .8	6.0
011	304	0.1	27.4 +- .8	4.1	26.5 +- .9	6.3
012	334	0.2	23.0 +- .7	3.5	21.9 +- .8	5.8
013	10	1.2	18.4 +- .6	2.8	17.0 +- .7	5.4
014	21	2.0	18.4 +- .6	2.8	17.1 +- .7	5.4
015	203	4.5	16.6 +- .5	2.5	15.2 +- .6	5.2
016	224	3.7	16.2 +- .5	2.4	14.7 +- .6	5.2
017	212	2.0	19.3 +- .6	2.9	18.0 +- .7	5.4
018	248	5.1	16.1 +- .5	2.4	14.6 +- .6	5.2
019	259	8.1	17.2 +- .5	2.6	15.8 +- .6	5.3
020	285	5.0	12.2 +- .4	1.8	10.5 +- .5	4.9
021	270	4.1	20.2 +- .6	3.0	19.0 +- .7	5.5
022	12/	12.	20.7 +- .6	3.1	19.5 +- .7	5.6
023	10/	11.	23.1 +- .7	3.5	22.0 +- .8	5.8
024	106	4.9	19.4 +- .6	2.9	18.1 +- .7	5.4
025	90	5.2	19.1 +- .6	2.9	17.8 +- .7	5.4
026	69	5.1	23.1 +- .7	3.5	22.0 +- .8	5.8
027	23	5.3	19.9 +- .6	3.0	18.6 +- .7	5.5
028	49	5.0	21.0 +- .6	3.2	19.8 +- .7	5.6
029	7.0	6.0	20.2 +- .6	3.0	19.0 +- .7	5.5
030	359	6.5	17.4 +- .5	2.6	15.9 +- .6	5.3
031	1.0	4.6	14.8 +- .4	2.2	13.2 +- .6	5.1
032	332	3.8	17.5 +- .5	2.6	16.1 +- .6	5.3
033	314	5.4	19.7 +- .6	2.9	18.4 +- .7	5.5
034	308	6.4	22.3 +- .7	3.3	21.1 +- .8	5.7
035	348	5.3	18.1 +- .5	2.7	16.7 +- .6	5.3
036	343	15'	17.8 +- .5	2.7	16.4 +- .6	5.3
037	34/	15.	16.9 +- .5	2.5	15.5 +- .6	5.2
038	339	16'	17.5 +- .5	2.6	16.1 +- .6	5.3
039	153	1.9	21.4 +- .6	3.2	20.2 +- .7	5.6
040	144	2.1	16.9 +- .5	2.5	15.5 +- .6	5.2

TRANSIT DOSE = 2.3 +- .3 ; 4.2

SURRY  
FOR THE PERIOD 841214-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	17.4 $\pm$ 3.3	5
11.25-33.75 (NNE)	17.0 $\pm$ 2.4	6
33.75-56.25 (NE)	19.8 $\pm$ 0.0	1
56.25-78.75 (ENE)	22.0 $\pm$ 0.0	1
78.75-101.25 (E)	17.8 $\pm$ 0.0	1
101.25-123.75 (ESE)	16.9 $\pm$ 1.7	2
123.75-146.25 (SE)	15.5 $\pm$ 0.0	1
146.25-168.75 (SSE)	19.2 $\pm$ 1.4	2
168.75-191.25 (S)	16.1 $\pm$ 1.6	2
191.25-213.75 (SSW)	15.9 $\pm$ 1.0	3
213.75-236.25 (SW)	14.7 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.2 $\pm$ 3.6	2
258.75-281.25 (W)	19.6 $\pm$ 4.1	3
281.25-303.75 (WNW)	10.5 $\pm$ 0.0	1
303.75-326.25 (NW)	22.0 $\pm$ 4.1	3
326.25-348.75 (NNW)	18.2 $\pm$ 3.2	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	20.2 $\pm$ 3.4	9
2-5	15.6 $\pm$ 2.6	11
>5	17.8 $\pm$ 2.6	17
UPWIND CONTROL DATA	16.0 $\pm$ .5	3

[illegible]



SUSQUEHANNA  
FOR THE PERIOD 850103-850423

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	19.1 $\pm$ .8	2
11.25-33.75 (NNE)	18.5 $\pm$ 1.1	2
33.75-56.25 (NE)	19.2 $\pm$ 2.5	3
56.25-78.75 (ENE)	18.9 $\pm$ .8	2
78.75-101.25 (E)	19.0 $\pm$ 0.0	1
101.25-123.75 (ESE)	19.4 $\pm$ 1.1	3
123.75-146.25 (SE)	19.8 $\pm$ .3	2
146.25-168.75 (SSE)	19.9 $\pm$ 0.0	1
168.75-191.25 (S)	18.1 $\pm$ 1.3	2
191.25-213.75 (SSW)	18.9 $\pm$ .7	2
213.75-236.25 (SW)	19.1 $\pm$ 1.2	2
236.25-258.75 (WSW)	18.3 $\pm$ 1.0	3
258.75-281.25 (W)	19.8 $\pm$ 1.2	2
281.25-303.75 (WNW)	18.9 $\pm$ .1	2
303.75-326.25 (NW)	17.6 $\pm$ .8	2
326.25-348.75 (NNW)	18.3 $\pm$ .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.3 $\pm$ .9	15
2-5	19.5 $\pm$ 1.0	16
>5	19.0 $\pm$ .4	2
UPWIND CONTROL DATA	19.3 $\pm$ 1.9	3



[illegible]

THREE MILE ISLAND  
FOR THE PERIOD 850103-850423

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TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.0 $\pm$ 2.8	5
11.25-33.75 (NNE)	16.4 $\pm$ .5	3
33.75-56.25 (NE)	16.7 $\pm$ 1.0	2
56.25-78.75 (ENE)	14.6 $\pm$ .8	2
78.75-101.25 (E)	16.6 $\pm$ 1.8	3
101.25-123.75 (ESE)	16.3 $\pm$ 0.0	1
123.75-146.25 (SE)	16.3 $\pm$ 2.4	3
146.25-168.75 (SSE)	15.6 $\pm$ 1.1	3
168.75-191.25 (S)	18.2 $\pm$ 2.7	4
191.25-213.75 (SSW)	14.2 $\pm$ .8	2
213.75-236.25 (SW)	18.2 $\pm$ 0.0	1
236.25-258.75 (WSW)	NO DATA $\pm$ NO DATA	0
258.75-281.25 (W)	17.0 $\pm$ 1.7	4
281.25-303.75 (WNW)	16.7 $\pm$ 1.8	2
303.75-326.25 (NW)	14.9 $\pm$ 1.8	2
326.25-348.75 (NNW)	14.6 $\pm$ 2.2	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.5 $\pm$ 1.5	9
2-5	16.0 $\pm$ 1.4	18
>5	17.6 $\pm$ 2.4	12
UPWIND CONTROL DATA	14.8 $\pm$ 1.5	3

TRANSIT DOSE = 7.1  $\pm$  .4 : 5.8

TROJAN  
FOR THE PERIOD 841211-850424

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	11.5 $\pm$ .3	2
11.25-33.75 (NNE)	12.5 $\pm$ .0	2
33.75-56.25 (NE)	13.5 $\pm$ 2.0	2
56.25-78.75 (ENE)	14.0 $\pm$ .4	2
78.75-101.25 (E)	13.3 $\pm$ 1.5	2
101.25-123.75 (ESE)	14.4 $\pm$ 0.0	1
123.75-146.25 (SE)	11.5 $\pm$ .6	2
146.25-168.75 (SSE)	14.0 $\pm$ 1.2	2
168.75-191.25 (S)	14.7 $\pm$ 2.0	2
191.25-213.75 (SSW)	14.9 $\pm$ .1	2
213.75-236.25 (SW)	15.0 $\pm$ .5	2
236.25-258.75 (WSW)	15.0 $\pm$ 0.0	1
258.75-281.25 (W)	14.0 $\pm$ .7	4
281.25-303.75 (WNW)	NO DATA $\pm$ NO DATA	0
303.75-326.25 (NW)	14.2 $\pm$ .5	2
326.25-348.75 (NNW)	12.2 $\pm$ .9	6

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	13.9 $\pm$ 1.6	12
2-5	13.6 $\pm$ 1.5	18
>5	12.7 $\pm$ 1.4	4
UPWIND CONTROL DATA	15.5 $\pm$ 2.1	3

TURKEY POINT  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850409 115 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	310	1.3	13.6 +- .4	2.0	11.2 +- .5	4.7
002	292	2.4	MISSING OR DAMAGED DOSIMETER			
003	340	1.9	13.8 +- .4	2.1	11.5 +- .5	4.7
004	354	2.0	12.6 +- .4	1.9	10.3 +- .5	4.6
005	314	3.8	13.1 +- .4	2.0	10.8 +- .5	4.7
006	331	4.2	12.3 +- .4	1.8	10.0 +- .4	4.6
007	291	5.4	14.6 +- .4	2.2	12.2 +- .5	4.8
008	263	5.1	15.8 +- .5	2.4	13.3 +- .5	4.8
009	242	5.7	13.2 +- .4	2.0	10.8 +- .5	4.7
010	234	6.2	14.2 +- .4	2.1	11.8 +- .5	4.7
011	220	6.2	13.8 +- .4	2.1	11.5 +- .5	4.7
012	213	6.9	14.4 +- .4	2.2	12.0 +- .5	4.7
013	19/	10.	13.2 +- .4	2.0	10.9 +- .5	4.7
014	190	10'	14.5 +- .4	2.2	12.1 +- .5	4.8
015	18/	10.	15.3 +- .5	2.3	12.9 +- .5	4.8
016	17/	10.	15.3 +- .5	2.3	12.9 +- .5	4.8
017	165	9.0	14.7 +- .4	2.2	12.3 +- .5	4.8
018	20/	16.	16.0 +- .5	2.4	13.5 +- .5	4.9
019	20/	16.	11.3 +- .3	1.7	9.1 +- .4	4.6
020	20/	16.	15.7 +- .5	2.3	13.2 +- .5	4.8
021	268	8.7	12.4 +- .4	1.9	10.1 +- .5	4.6
022	256	8.0	14.3 +- .4	2.1	11.9 +- .5	4.7
023	275	9.0	14.9 +- .4	2.2	12.5 +- .5	4.8
024	285	9.0	15.1 +- .5	2.3	12.7 +- .5	4.8
025	293	8.7	16.1 +- .5	2.4	13.7 +- .5	4.9
026	301	8.4	15.6 +- .5	2.3	13.1 +- .5	4.8
027	311	8.3	14.6 +- .4	2.2	12.2 +- .5	4.8
028	327	8.2	MISSING OR DAMAGED DOSIMETER			
029	339	9.3	14.7 +- .4	2.2	12.3 +- .5	4.8
030	350	8.7	15.2 +- .5	2.3	12.8 +- .5	4.8
031	359	9.9	15.0 +- .5	2.3	12.6 +- .5	4.8
032	2 /	18.	MISSING OR DAMAGED DOSIMETER			
033	12/	22'	14.9 +- .4	2.2	12.5 +- .5	4.8
034	18/	24.	15.5 +- .5	2.3	13.0 +- .5	4.8
035	28/	22.	14.4 +- .4	2.2	12.0 +- .5	4.8
036	15	0.3	13.4 +- .4	2.0	11.1 +- .5	4.7
037	228	0.5	13.9 +- .4	2.1	11.6 +- .5	4.7
TRANSIT DOSE = 1.8 +- .3 ; 4.5						



TURKEY POINT  
FOR THE PERIOD 841217-850409

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.9 $\pm$ 1.4	3
11.25-33.75 (NNE)	12.2 $\pm$ .9	7
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)	12.3 $\pm$ 0.0	1
168.75-191.25 (S)	12.1 $\pm$ 0.0	1
191.25-213.75 (SSW)	12.0 $\pm$ 0.0	1
213.75-236.25 (SW)	11.6 $\pm$ .2	3
236.25-258.75 (WSW)	11.4 $\pm$ .7	2
258.75-281.25 (W)	12.0 $\pm$ 1.7	3
281.25-303.75 (WNW)	12.9 $\pm$ .6	4
303.75-326.25 (NW)	11.4 $\pm$ .7	3
326.25-348.75 (NNW)	11.3 $\pm$ 1.2	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	11.1 $\pm$ .5	5
2-5	10.4 $\pm$ .6	2
>5	12.3 $\pm$ .8	24
UPWIND CONTROL DATA	11.9 $\pm$ 2.5	3



VERMONT YANKEE  
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
FOR THE PERIOD 841218-850509 144 DAYS  
FIELD TIME 84 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)			NET EXPOSURE RATE mR/Std.Qtr.				
	AZIMUTH/DIST (deg.)	(mi.)	+/-	Rdm;Tot.		+/-	Rdm;Tot.			
001	142	1.	22.2	+-	.7	3.3	15.4	+-	.9	7.5
002	158	1	23.0	+-	.7	3.5	16.3	+-	.9	7.5
003	184	1.3	21.9	+-	.7	3.3	15.1	+-	.8	7.4
004	201	1.4	22.2	+-	.7	3.3	15.4	+-	.9	7.5
005	220	1.6	22.1	+-	.7	3.3	15.3	+-	.9	7.4
006	157	3.4	21.7	+-	.7	3.3	14.9	+-	.8	7.4
007	189	4.9	23.2	+-	.7	3.5	16.5	+-	.9	7.5
008	201	13.	22.1	+-	.7	3.3	15.3	+-	.9	7.4
009	208	5.8	22.4	+-	.7	3.4	15.7	+-	.9	7.5
010	232	3.7	24.8	+-	.7	3.7	18.2	+-	.9	7.7
011	277	2.9	23.0	+-	.7	3.4	16.3	+-	.9	7.5
012	292	1.4	22.5	+-	.7	3.4	15.8	+-	.9	7.5
013	314	1.4	22.5	+-	.7	3.4	15.7	+-	.9	7.5
014	310	4.2	22.3	+-	.7	3.3	15.5	+-	.9	7.5
015	299	4.3	22.0	+-	.7	3.3	15.2	+-	.8	7.4
016	270	4.5	21.8	+-	.7	3.3	15.0	+-	.8	7.4
017	331	5	23.8	+-	.7	3.6	17.1	+-	.9	7.6
018	290	19.	24.1	+-	.7	3.6	17.4	+-	.9	7.6
019	290	19.	24.5	+-	.7	3.7	17.9	+-	.9	7.6
020	290	19.	24.2	+-	.7	3.6	17.6	+-	.9	7.6
021	359	3.2	22.0	+-	.7	3.3	15.2	+-	.9	7.4
023	334	2.2	22.8	+-	.7	3.4	16.1	+-	.9	7.5
024	4	.9	23.6	+-	.7	3.5	17.0	+-	.9	7.6
025	30	1	21.0	+-	.6	3.2	14.2	+-	.8	7.4
026	72	1.5	23.1	+-	.7	3.5	16.4	+-	.9	7.5
027	44	.7	21.4	+-	.6	3.2	14.6	+-	.8	7.4
028	39	2.8	25.0	+-	.8	3.8	18.5	+-	.9	7.7
029	25	3.8	19.0	+-	.6	2.8	12.0	+-	.8	7.2
030	72	2.7	24.4	+-	.7	3.7	17.8	+-	.9	7.6
031	85	2	22.5	+-	.7	3.4	15.8	+-	.9	7.5
032	111	1.8	22.4	+-	.7	3.4	15.7	+-	.9	7.5
033	134	4	21.5	+-	.6	3.2	14.7	+-	.8	7.4
034	151	6	20.4	+-	.6	3.1	13.5	+-	.8	7.3
035	111	4.3	23.4	+-	.7	3.5	16.7	+-	.9	7.6
036	92	4.7	24.4	+-	.7	3.7	17.8	+-	.9	7.6
037	50	15	25.6	+-	.8	3.8	19.1	+-	.9	7.7
039	222	.3	24.6	+-	.7	3.7	18.8	+-	.9	7.7
040	250	3	22.1	+-	.7	3.3	15.3	+-	.9	7.4

TRANSIT DOSE = 7.8 +- .4 ; 6.1

VERMONT YANKEE  
FOR THE PERIOD 841218-850509

## 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 $\pm$ 1.2	2
11.25-33.75 (NNE)	13.1 $\pm$ 1.6	2
33.75-56.25 (NE)	19.1 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.8 $\pm$ 0.0	1
78.75-101.25 (E)	16.8 $\pm$ 1.4	2
101.25-123.75 (ESE)	16.2 $\pm$ .8	2
123.75-146.25 (SE)	15.1 $\pm$ .5	2
146.25-168.75 (SSE)	14.8 $\pm$ 1.4	3
168.75-191.25 (S)	15.8 $\pm$ .9	2
191.25-213.75 (SSW)	15.5 $\pm$ .2	3
213.75-236.25 (SW)	17.2 $\pm$ 1.6	3
236.25-258.75 (WSW)	15.3 $\pm$ 0.0	1
258.75-281.25 (W)	15.6 $\pm$ .9	2
281.25-303.75 (WNW)	16.8 $\pm$ 1.2	5
303.75-326.25 (NW)	15.8 $\pm$ .2	2
326.25-348.75 (NNW)	16.6 $\pm$ .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.8 $\pm$ 1.0	12
2-5	15.9 $\pm$ 1.5	16
>5	16.6 $\pm$ 1.9	7
UPWIND CONTROL DATA	16.5 $\pm$ 2.0	3

VOGTLE  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841210-850416 129 DAYS  
 FIELD TIME 107 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	298 1.9	20.8 +- .6 ; 3.1	12.8 +- .6 ; 5.9
002	309 1.6	21.0 +- .6 ; 3.1	12.9 +- .6 ; 5.9
003	336 1.4	22.2 +- .7 ; 3.3	13.9 +- .7 ; 6.0
004	270 1.3	22.2 +- .7 ; 3.3	13.9 +- .7 ; 6.0
005	247 1.2	22.3 +- .7 ; 3.3	14.0 +- .7 ; 6.0
006	215 1.2	25.5 +- .8 ; 3.8	16.7 +- .7 ; 6.2
007	205 1.2	22.2 +- .7 ; 3.3	13.9 +- .7 ; 6.0
008	180 1.1	21.6 +- .6 ; 3.2	13.4 +- .7 ; 5.9
009	153 1.2	21.2 +- .6 ; 3.2	13.1 +- .6 ; 5.9
010	134 1.3	24.7 +- .7 ; 3.7	16.0 +- .7 ; 6.1
011	103 1.1	18.7 +- .6 ; 2.8	11.0 +- .6 ; 5.8
012	134 3.3	22.9 +- .7 ; 3.4	14.5 +- .7 ; 6.0
013	123 4.2	21.2 +- .6 ; 3.2	13.1 +- .6 ; 5.9
014	141 4.6	23.0 +- .7 ; 3.4	14.6 +- .7 ; 6.0
015	153 5.3	18.6 +- .6 ; 2.8	10.9 +- .6 ; 5.8
016	162 6.3	24.2 +- .7 ; 3.6	15.6 +- .7 ; 6.1
017	157 7.3	24.2 +- .7 ; 3.6	15.6 +- .7 ; 6.1
018	191 4.8	20.6 +- .6 ; 3.1	12.6 +- .6 ; 5.9
019	208 4.7	17.6 +- .5 ; 2.6	10.1 +- .6 ; 5.7
020	232 4.9	19.4 +- .6 ; 2.9	11.6 +- .6 ; 5.8
021	250 5.6	21.1 +- .6 ; 3.2	13.0 +- .6 ; 5.9
022	264 4.3	20.0 +- .6 ; 3.0	12.1 +- .6 ; 5.8
023	301 4.2	20.2 +- .6 ; 3.0	12.3 +- .6 ; 5.9
024	308 4.6	20.2 +- .6 ; 3.0	12.2 +- .6 ; 5.9
025	329 6.7	23.7 +- .7 ; 3.6	15.2 +- .7 ; 6.1
026	258 15	25.6 +- .8 ; 3.8	16.8 +- .7 ; 6.2
027	300 13	21.9 +- .7 ; 3.3	13.6 +- .7 ; 6.0
028	330 30	21.3 +- .6 ; 3.2	13.2 +- .6 ; 5.9
TRANSIT DOSE = 5.6 +- .4 ; 6.3			

VOGTLE  
FOR THE PERIOD 841210-850416

## 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)	12.1 $\pm$ 1.5	2
123.75-146.25 (SE)	15.1 $\pm$ .9	3
146.25-168.75 (SSE)	13.8 $\pm$ 2.3	4
168.75-191.25 (S)	13.0 $\pm$ .6	2
191.25-213.75 (SSW)	12.0 $\pm$ 2.7	2
213.75-236.25 (SW)	14.2 $\pm$ 3.6	2
236.25-258.75 (WSW)	13.5 $\pm$ .7	2
258.75-281.25 (W)	13.0 $\pm$ 1.3	2
281.25-303.75 (WNW)	12.5 $\pm$ .4	2
303.75-326.25 (NW)	12.8 $\pm$ .5	2
326.25-348.75 (NNW)	14.8 $\pm$ .9	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	13.8 $\pm$ 1.6	11
2-5	12.8 $\pm$ 1.4	9
>5	14.1 $\pm$ 2.1	5
UPWIND CONTROL DATA	14.5 $\pm$ 1.9	3

WASHINGTON NUCLEAR 2  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841211-850402 114 DAYS  
 FIELD TIME 80 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE(mR)		NET EXPOSURE RATE	
	AZIMUTH/DIST (deg.) (mi.)		+ - Rdm; Tot.		mR/Std.Qtr. + - Rdm; Tot.	
001	174	12.	20.6 +- .6	3.1	18.2 +- .8	6.4
002	163	11.	19.8 +- .6	3.0	17.3 +- .8	6.3
003	161	9.0	20.3 +- .6	3.0	17.8 +- .8	6.4
004	152	5.0	20.5 +- .6	3.1	18.1 +- .8	6.4
005	195	2.0	19.7 +- .6	2.9	17.2 +- .8	6.3
006	220	1.5	20.5 +- .6	3.1	18.1 +- .8	6.4
007	92	3.0	21.7 +- .6	3.2	19.4 +- .8	6.5
008	155	1.0	18.6 +- .6	2.8	16.0 +- .7	6.2
009	130	0.5	19.5 +- .6	2.9	17.0 +- .8	6.3
010	70	0.5	20.2 +- .6	3.0	17.7 +- .8	6.3
011	25	0.8	20.1 +- .6	3.0	17.6 +- .8	6.3
012	315	0.5	20.5 +- .6	3.1	18.1 +- .8	6.4
013	290	0.5	25.1 +- .8	3.8	23.2 +- .9	6.8
014	270	0.5	20.7 +- .6	3.1	18.3 +- .8	6.4
015	245	1.0	20.6 +- .6	3.1	18.2 +- .8	6.4
016	285	3.0	20.8 +- .6	3.1	18.5 +- .8	6.4
017	240	4.0	19.6 +- .6	2.9	17.1 +- .8	6.3
018	198	7.0	19.6 +- .6	2.9	17.1 +- .8	6.3
019	173	8.5	20.8 +- .6	3.1	18.5 +- .8	6.4
020	150	20.	20.1 +- .6	3.0	17.7 +- .8	6.3
021	114	7.0	21.6 +- .6	3.2	19.3 +- .8	6.5
022	120	8.0	19.7 +- .6	2.9	17.2 +- .8	6.3
023	134	6.0	21.1 +- .6	3.2	18.7 +- .8	6.4
024	110	4.0	23.9 +- .7	3.6	21.9 +- .9	6.7
025	85	5.0	20.8 +- .6	3.1	18.5 +- .8	6.4
026	65	5.0	21.9 +- .7	3.3	19.7 +- .8	6.5
027	53	4.0	20.9 +- .6	3.1	18.5 +- .8	6.4
028	44	8.0	21.7 +- .7	3.3	19.5 +- .8	6.5
029	33	10.	20.1 +- .6	3.0	17.7 +- .8	6.3
030	8	9.5	21.2 +- .6	3.2	18.9 +- .8	6.4
031	215	15.	19.1 +- .6	2.9	16.5 +- .7	6.2

TRANSIT DOSE = 4.4 +- .3 ; 4.8

WASHINGTON NUCLEAR 2  
FOR THE PERIOD 841211-850402

## 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 $\pm$ 0.0	1
11.25-33.75 (NNE)	17.6 $\pm$ .0	2
33.75-56.25 (NE)	19.0 $\pm$ .7	2
56.25-78.75 (ENE)	18.7 $\pm$ 1.4	2
78.75-101.25 (E)	18.9 $\pm$ .7	2
101.25-123.75 (ESE)	19.4 $\pm$ 2.4	3
123.75-146.25 (SE)	17.8 $\pm$ 1.2	2
146.25-168.75 (SSE)	17.4 $\pm$ .8	5
168.75-191.25 (S)	18.5 $\pm$ 0.0	1
191.25-213.75 (SSW)	17.1 $\pm$ .0	2
213.75-236.25 (SW)	18.1 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.7 $\pm$ .8	2
258.75-281.25 (W)	18.3 $\pm$ 0.0	1
281.25-303.75 (WNW)	20.8 $\pm$ 3.4	2
303.75-326.25 (NW)	18.1 $\pm$ 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	18.1 $\pm$ 1.9	10
2-5	18.9 $\pm$ 1.4	8
>5	18.1 $\pm$ .8	11
UPWIND CONTROL DATA	17.4 $\pm$ 1.2	2



[illegible]

WATERFORD  
FOR THE PERIOD 841213-850402

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	3
11.25-33.75 (NNE)	15.0 $\pm$ 2.1	2
33.75-56.25 (NE)	15.2 $\pm$ 0.0	1
56.25-78.75 (ENE)	17.8 $\pm$ 1.7	2
78.75-101.25 (E)	15.0 $\pm$ .8	3
101.25-123.75 (ESE)	13.7 $\pm$ 1.8	3
123.75-146.25 (SE)	15.2 $\pm$ .3	3
146.25-168.75 (SSE)	14.3 $\pm$ .7	2
168.75-191.25 (S)	16.7 $\pm$ .1	2
191.25-213.75 (SSW)	14.6 $\pm$ 0.0	1
213.75-236.25 (SW)	14.4 $\pm$ 0.0	1
236.25-258.75 (WSW)	17.1 $\pm$ 0.0	1
258.75-281.25 (W)	16.2 $\pm$ 0.0	1
281.25-303.75 (WNW)	14.0 $\pm$ 0.0	1
303.75-326.25 (NW)	15.8 $\pm$ 1.2	2
326.25-348.75 (NNW)	14.7 $\pm$ 2.5	3

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std.Dev.	# IN GROUP
0-2	15.3 $\pm$ 1.6	15
2-5	14.9 $\pm$ 1.6	13
>5	14.8 $\pm$ .2	3
UPWIND CONTROL DATA	15.2 $\pm$ 2.0	3

WATTS BAR  
 TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841217-850416 122 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	337	0.9	19.9 +- .6	3.0	17.5 +- .6	5.1
002	314	2.1	20.6 +- .6	3.1	18.1 +- .7	5.2
003	297	1.9	19.9 +- .6	3.0	17.5 +- .6	5.1
004	272	2.0	19.5 +- .6	2.9	17.0 +- .6	5.1
005	251	1.9	21.9 +- .7	3.3	19.4 +- .7	5.3
006	235	1.8	24.8 +- .7	3.7	22.1 +- .8	5.5
007	230	3.8	22.5 +- .7	3.4	19.9 +- .7	5.3
008	208	3.6	19.6 +- .6	2.9	17.2 +- .6	5.1
009	249	4.2	18.7 +- .6	2.8	16.3 +- .6	5.0
010	266	3.1	19.7 +- .6	2.9	17.2 +- .6	5.1
011	289	3.3	16.5 +- .5	2.5	14.2 +- .5	4.8
012	310	4.7	17.1 +- .5	2.6	14.8 +- .6	4.9
013	337	3.6	16.3 +- .5	2.4	14.0 +- .5	4.8
014	330	7.0	17.9 +- .5	2.7	15.5 +- .6	4.9
015	350	4.7	21.8 +- .7	3.3	19.3 +- .7	5.3
016	7	1.1	22.4 +- .7	3.4	19.8 +- .7	5.3
017	23	1.6	16.3 +- .5	2.4	14.0 +- .5	4.8
018	41	2.3	18.7 +- .6	2.8	16.3 +- .6	5.0
019	69	1.3	20.6 +- .6	3.1	18.1 +- .6	5.2
020	89	1.2	23.3 +- .7	3.5	20.7 +- .7	5.4
021	114	1.1	18.4 +- .6	2.8	16.0 +- .6	5.0
022	141	1.0	22.5 +- .7	3.4	19.9 +- .7	5.3
023	163	1.1	24.2 +- .7	3.6	21.5 +- .7	5.5
024	187	1.1	18.8 +- .6	2.8	16.4 +- .6	5.0
025	203	1.2	22.0 +- .7	3.3	19.5 +- .7	5.3
026	184	5.9	MISSING OR DAMAGED DOSIMETER			
027	176	4.5	19.6 +- .6	2.9	17.2 +- .6	5.1
028	161	3.5	18.5 +- .6	2.8	16.1 +- .6	5.0
029	144	3.0	18.9 +- .6	2.8	16.4 +- .6	5.0
030	117	3.1	19.0 +- .6	2.9	16.6 +- .6	5.0
031	97	4.0	18.6 +- .6	2.8	16.2 +- .6	5.0
032	76	4.1	17.0 +- .5	2.5	14.6 +- .6	4.9
033	32	4.1	20.0 +- .6	3.0	17.6 +- .6	5.1
034	36	4.7	16.8 +- .5	2.5	14.5 +- .6	4.9
035	338	19'	18.1 +- .5	2.7	15.7 +- .6	5.0
036	338	19'	16.5 +- .5	2.5	14.2 +- .5	4.8
037	338	19'	19.3 +- .6	2.9	16.9 +- .6	5.1

TRANSIT DOSE = 1.7 +- .3 ; 4.4

WATTS BAR  
FOR THE PERIOD 841217-850416

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	19.5 $\pm$ .4	2
11.25-33.75 (NNE)	15.8 $\pm$ 2.5	2
33.75-56.25 (NE)	15.4 $\pm$ 1.3	2
56.25-78.75 (ENE)	16.4 $\pm$ 2.4	2
78.75-101.25 (E)	18.4 $\pm$ 3.1	2
101.25-123.75 (ESE)	16.3 $\pm$ .4	2
123.75-146.25 (SE)	18.2 $\pm$ 2.4	2
146.25-168.75 (SSE)	18.8 $\pm$ 3.8	2
168.75-191.25 (S)	16.8 $\pm$ .5	2
191.25-213.75 (SSW)	18.3 $\pm$ 1.6	2
213.75-236.25 (SW)	21.0 $\pm$ 1.5	2
236.25-258.75 (WSW)	17.8 $\pm$ 2.2	2
258.75-281.25 (W)	17.1 $\pm$ .1	2
281.25-303.75 (WNW)	15.8 $\pm$ 2.3	2
303.75-326.25 (NW)	16.4 $\pm$ 2.4	2
326.25-348.75 (NNW)	15.8 $\pm$ 1.8	3

DISTANCE(m.) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	18.5 $\pm$ 2.3	14
2-5	16.5 $\pm$ 1.7	18
>5	15.5 $\pm$ 8.0	1
UPWIND CONTROL DATA	15.8 $\pm$ 1.3	3

[illegible]

WOLF CR.  
FOR THE PERIOD 841213-850412

## 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 $\pm$ .9	4
11.25-33.75 (NNE)	17.7 $\pm$ 1.0	3
33.75-56.25 (NE)	16.5 $\pm$ .8	2
56.25-78.75 (ENE)	17.4 $\pm$ .1	2
78.75-101.25 (E)	18.3 $\pm$ .0	2
101.25-123.75 (ESE)	17.2 $\pm$ .7	3
123.75-146.25 (SE)	17.5 $\pm$ 1.1	3
146.25-168.75 (SSE)	16.8 $\pm$ 1.4	3
168.75-191.25 (S)	17.5 $\pm$ .7	2
191.25-213.75 (SSW)	17.1 $\pm$ .6	2
213.75-236.25 (SW)	16.4 $\pm$ 1.1	3
236.25-258.75 (WSW)	17.4 $\pm$ .8	2
258.75-281.25 (W)	17.0 $\pm$ 1.0	5
281.25-303.75 (WNW)	16.8 $\pm$ 1.2	3
303.75-326.25 (NW)	17.0 $\pm$ 1.2	3
326.25-348.75 (NNW)	17.5 $\pm$ .5	4

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.0 $\pm$ .8	7
2-5	17.2 $\pm$ 1.1	25
>5	17.0 $\pm$ 1.0	14
UPWIND CONTROL DATA	NO DATA	NO DATA



[illegible]

YANKEE ROWE  
FOR THE PERIOD 841218-850424

## 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 $\pm$ 1.3	2
11.25-33.75 (NNE)	14.7 $\pm$ 0.0	1
33.75-56.25 (NE)	16.8 $\pm$ 1.7	3
56.25-78.75 (ENE)	17.8 $\pm$ 0.0	1
78.75-101.25 (E)	15.5 $\pm$ .3	2
101.25-123.75 (ESE)	15.0 $\pm$ 1.4	2
123.75-146.25 (SE)	17.3 $\pm$ .1	2
146.25-168.75 (SSE)	15.7 $\pm$ .5	2
168.75-191.25 (S)	16.4 $\pm$ .8	2
191.25-213.75 (SSW)	17.3 $\pm$ 0.0	1
213.75-236.25 (SW)	17.7 $\pm$ .2	2
236.25-258.75 (WSW)	21.1 $\pm$ 0.0	1
258.75-281.25 (W)	16.8 $\pm$ .8	3
281.25-303.75 (WNW)	17.4 $\pm$ 0.0	1
303.75-326.25 (NW)	18.0 $\pm$ 0.0	1
326.25-348.75 (NNW)	18.1 $\pm$ .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	17.8 $\pm$ 1.5	10
2-5	16.3 $\pm$ 1.1	8
>5	16.6 $\pm$ 1.4	10
UPWIND CONTROL DATA	18.1 $\pm$ 1.0	2

ZION

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING  
 FOR THE PERIOD 841213-850402 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	290	0.8	16.4	+ - .5	2.5	15.3	+ - .5	4.7
002	192	1.0	13.7	+ - .4	2.1	12.6	+ - .5	4.5
003	187	1.5	14.8	+ - .4	2.2	13.7	+ - .5	4.6
004	227	2.4	16.8	+ - .5	2.5	15.6	+ - .6	4.7
005	257	1.8	18.1	+ - .5	2.7	16.9	+ - .6	4.8
006	264	1.2	18.8	+ - .6	2.8	17.6	+ - .6	4.9
007	287	1.6	17.6	+ - .5	2.6	16.5	+ - .6	4.8
008	320	1.8	16.1	+ - .5	2.4	15.0	+ - .5	4.7
009	343	2.6	16.6	+ - .5	2.5	15.5	+ - .6	4.7
010	356	4.5	15.1	+ - .5	2.3	14.0	+ - .5	4.6
011	337	4.5	16.9	+ - .5	2.5	15.7	+ - .6	4.7
012	310	4.8	17.7	+ - .5	2.7	16.6	+ - .6	4.8
013	293	3.5	19.3	+ - .6	2.9	18.2	+ - .6	4.9
014	280	4.5	17.9	+ - .5	2.7	16.7	+ - .6	4.8
015	239	3.2	18.3	+ - .5	2.7	17.1	+ - .6	4.8
016	227	3.5	17.9	+ - .5	2.7	16.8	+ - .6	4.8
017	210	4.5	17.4	+ - .5	2.6	16.2	+ - .6	4.8
018	206	2.8	22.8	+ - .7	3.4	21.6	+ - .7	5.2
019	342	2.7	15.7	+ - .5	2.4	14.6	+ - .5	4.6
020	197	15'	20.1	+ - .6	3.0	18.9	+ - .6	5.0
021	352	7.9	13.7	+ - .4	2.0	12.6	+ - .5	4.5
022	348	8.3	16.7	+ - .5	2.5	15.6	+ - .6	4.7
023	336	8.5	15.8	+ - .5	2.4	14.7	+ - .5	4.6
024	314	5.8	16.3	+ - .5	2.4	15.2	+ - .5	4.7
025	220	6.3	17.6	+ - .5	2.6	16.5	+ - .6	4.8
026	195	8.8	16.5	+ - .5	2.5	15.4	+ - .5	4.7
028	197	15'	19.3	+ - .6	2.9	18.1	+ - .6	4.9
030	320	9.8	18.8	+ - .6	2.8	17.6	+ - .6	4.9
031	229	8.8	17.9	+ - .5	2.7	16.7	+ - .6	4.8
032	193	14	19.1	+ - .6	2.9	18.0	+ - .6	4.9

TRANSIT DOSE = .9 + - .3 ; 4.1

ZION  
FOR THE PERIOD 841213-850402

## TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
348.75-11.25 (N)	13.3 $\pm$ 1.0	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75 (ESE)	NO DATA+-NO DATA	0
123.75-146.25 (SE)	NO DATA+-NO DATA	0
146.25-168.75 (SSE)	NO DATA+-NO DATA	0
168.75-191.25 (S)	13.7 $\pm$ 0.0	1
191.25-213.75 (SSW)	16.5 $\pm$ 3.7	4
213.75-236.25 (SW)	16.4 $\pm$ .5	4
236.25-258.75 (WSW)	17.0 $\pm$ .1	2
258.75-281.25 (W)	17.2 $\pm$ .6	2
281.25-303.75 (WNW)	16.6 $\pm$ 1.5	3
303.75-326.25 (NW)	16.1 $\pm$ 1.2	4
326.25-348.75 (NNW)	15.2 $\pm$ .5	5

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) $\pm$ Std. Dev.	# IN GROUP
0-2	15.4 $\pm$ 1.8	7
2-5	16.6 $\pm$ 1.9	12
>5	15.5 $\pm$ 1.5	8
UPWIND CONTROL DATA	18.3 $\pm$ .5	3

NRC FORM 335 (2-84) NRCM 1102, 3201, 3202		U.S. NUCLEAR REGULATORY COMMISSION		1. REPORT NUMBER (Assigned by TIDC, add Vol. No., if any)	
<b>BIBLIOGRAPHIC DATA SHEET</b>				NUREG-0837 Vol. 5, No. 1	
SEE INSTRUCTIONS ON THE REVERSE					
2. TITLE AND SUBTITLE NRC TLD Direct Radiation Monitoring Network Progress Report January-March 1985				3. LEAVE BLANK	
5. AUTHOR(S) J. Jang, M. Kramaric, L. Cohen				4. DATE REPORT COMPLETED MONTH: June YEAR: 1985	
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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 first quarter of 1985.					
14. DOCUMENT ANALYSIS - a. KEYWORDS/DESCRIPTORS Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network ambient radiation levels					
b. IDENTIFIERS/OPEN-ENDED TERMS					
15. AVAILABILITY STATEMENT Unlimited					
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