NUREG-0837
Vol. 4, No. 2

NRC TLD Direct Radiation Monitoring Network

Progress Report
April-June 1984

U.S. Nuclear Regulatory Commission

NRC Region I

J. Jang, M. Kramaric, L. Cohen

Available from

NRC/GPO Sales Program

Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

A year's subscription consists of 4 issues for this publication.

Single copies of this publication are available from National Technical Information Service, Springfield, VA 22161

Microfiche of single copies are available from NRC/GPO Sales Program
Washington, D. C. 20555

NUREG-0837
Vol. 4, No. 2

NRC TLD Direct Radiation Monitoring Network

Progress Report
April-June 1984

Manuscript Completed: November 1984
Date Published: November 1984

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 and NUREG/CR-3120.

The radiation levels are presented as gross and net exposures. The gross exposure includes naturally occurring background radiation, radiation levels resulting from a facility's operation, and the exposure received during transport and storage of the TLD. Net exposures are obtained by subtracting an estimate of the exposure received by the dosimeter during transit from the gross exposures. All exposures are normalized to a 90-day quarter (standard quarter) and reported in units of milliroentgens (mR). Station numbers for which no data are reported 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 not 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.

Two sites, Harris and River Bend, have been added and one site, Zimmer, has been deleted in this report. The TLD monitoring program for Zimmer has been discontinued due to the plant cancellation.

The data for Prairie Island site are not included for this quarter because element calibration factors were not available at the time of the report. However, the second quarter data will be included in the fourth quarter report. The data for the dosimeters in Delaware which monitor the Salem site are not available because of an error in the laboratory which resulted in the loss of this data. The data for the dosimeters in New Jersey which monitor this site are within the normal range of values experienced in the past.

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 1

Sites Monitored During Second Quarter, 1984

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

ARKANSAS
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840705 109 DAYS
FIELD TIME 84 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.	
001	4	0.4	19.0 +-	.6	16.3 +-	.8
002	353	4.1	18.9 +-	.6	16.3 +-	.8
003	32	1.3	19.8 +-	.6	17.2 +-	.8
004	13	3.3	17.9 +-	.6	15.2 +-	.7
005	53	1.5	18.6 +-	.6	16.0 +-	.8
006	37	3.6	17.9 +-	.6	15.2 +-	.7
007	78	2.6	19.6 +-	.6	17.0 +-	.8
008	60	3.2	18.8 +-	.6	16.2 +-	.8
009	92	0.5	19.7 +-	.6	17.1 +-	.8
010	83	5.5	18.6 +-	.6	16.0 +-	.8
011	122	2.1	17.6 +-	.6	14.8 +-	.7
012	109	6.8	19.4 +-	.6	16.8 +-	.8
013	138	2.6	16.3 +-	.6	13.4 +-	.7
014	130	4.9	17.2 +-	.6	14.5 +-	.7
015	167	4.4	18.9 +-	.6	16.3 +-	.8
017	171	0.4	18.0 +-	.6	15.3 +-	.7
018	189	3.2	17.6 +-	.6	14.8 +-	.7
019	205	2.9	17.8 +-	.6	15.0 +-	.7
020	195	5.8	16.4 +-	.6	13.5 +-	.7
021	235	0.6	20.1 +-	.6	17.5 +-	.8
022	230	3.6	15.2 +-	.6	12.3 +-	.7
023	257	2.8	17.1 +-	.6	14.3 +-	.7
024	243	4.5	17.3 +-	.6	14.6 +-	.7
025	279	1.2	20.9 +-	.6	18.4 +-	.8
026	263	4.3	18.9 +-	.6	16.3 +-	.8
027	298	0.4	19.2 +-	.6	16.6 +-	.8
028	293	5.8	17.7 +-	.6	14.9 +-	.7
029	325	1.9	18.5 +-	.6	15.9 +-	.7
030	308	4.8	18.2 +-	.6	15.5 +-	.7
031	345	1.3	18.5 +-	.6	15.9 +-	.7
032	335	4.2	16.8 +-	.6	14.0 +-	.7
033	110	0.8	19.1 +-	.6	16.5 +-	.8
039	112	6.0	18.9 +-	.6	16.2 +-	.8
040	147	8.0	19.6 +-	.6	17.0 +-	.8
041	106	17.	19.6 +-	.6	17.0 +-	.8
042	310	17.	16.2 +-	.6	13.3 +-	.7
043	0	5.2	19.1 +-	.6	16.3 +-	.8
044	0	9.1	18.2 +-	.6	15.3 +-	.7
045	0	8.9	18.2 +-	.6	15.3 +-	.7
046	0	8.3	18.6 +-	.6	15.9 +-	.8
TRANSIT DOSE =	3.7	+- .4	; 1.8			

ARKANSAS
FOR THE PERIOD 840319-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	15.6 +- 1.2	6
11.25-33.75 (NNE)	16.2 +- 1.4	2
33.75-56.25 (NE)	15.6 +- .6	2
56.25-78.75 (ENE)	16.6 +- .6	2
78.75-101.25 (E)	16.5 +- .8	2
101.25-123.75(ESE)	16.3 +- .8	5
123.75-146.25(SE)	13.9 +- .7	2
146.25-168.75(SSE)	16.7 +- .5	2
168.75-191.25(S)	15.1 +- .3	2
191.25-213.75(SSW)	14.3 +- 1.1	2
213.75-236.25(SW)	14.9 +- 3.7	2
236.25-258.75(WSW)	14.4 +- .2	2
258.75-281.25(W)	17.3 +- 1.5	2
281.25-303.75(WNW)	15.8 +- 1.2	2
303.75-326.25(NW)	14.9 +- 1.4	3
326.25-348.75(NNW)	14.9 +- 1.3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.6 +- .9	11
2-5	15.0 +- 1.2	17
>5	15.5 +- 1.4	12
UPWIND CONTROL DATA	NO DATA	NO DATA

BEAVER VALLEY
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840712 115 DAYS
FIELD TIME 92 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.	
002	6	13	20.2 +- .6	3.0	15.4 +- .7	3.5
004	31	12	21.3 +- .6	3.2	16.5 +- .8	3.7
005	55	8.4	21.3 +- .6	3.2	16.5 +- .8	3.7
006	60	9.5	21.1 +- .6	3.2	16.3 +- .8	3.6
007	97	8	21.8 +- .7	3.3	17.0 +- .8	3.7
008	110	4.3	22.5 +- .7	3.4	17.6 +- .8	3.8
009	110	2.2	20.4 +- .6	3.1	15.6 +- .7	3.6
010	91	2.4	21.8 +- .7	3.3	17.0 +- .8	3.7
011	77	3.7	22.5 +- .7	3.4	17.6 +- .8	3.8
012	153	4.2	23.3 +- .7	3.5	18.4 +- .8	3.9
013	170	4.4	21.5 +- .6	3.2	16.7 +- .8	3.7
014	190	4.4	19.8 +- .6	3.0	15.0 +- .7	3.5
015	208	3.5	22.1 +- .7	3.3	17.3 +- .8	3.8
016	264	5.6	21.3 +- .6	3.2	16.5 +- .8	3.7
017	270	6.3	20.6 +- .6	3.1	15.8 +- .8	3.6
018	232	2.4	22.9 +- .7	3.4	18.1 +- .8	3.9
019	267	2.3	22.5 +- .7	3.4	17.7 +- .8	3.8
020	294	3.4	18.9 +- .6	2.8	14.1 +- .7	3.4
021	286	1.4	22.8 +- .7	3.4	18.0 +- .8	3.9
022	220	1.3	20.6 +- .6	3.1	15.8 +- .8	3.6
023	255	2.3	21.6 +- .6	3.2	16.7 +- .8	3.7
024	209	2.1	21.2 +- .6	3.2	16.4 +- .8	3.7
025	186	2.1	22.6 +- .7	3.4	17.7 +- .8	3.8
026	190	2.2	22.4 +- .7	3.4	17.5 +- .8	3.8
027	125	2	23.1 +- .7	3.5	18.3 +- .8	3.9
028	87	1.6	22.5 +- .7	3.4	17.7 +- .8	3.8
029	59	1.5	MISSING OR DAMAGED DOSIMETER			
030	50	1.2	20.9 +- .6	3.1	16.1 +- .8	3.6
031	320	1.2	23.4 +- .7	3.5	18.5 +- .8	3.9
032	325	3.6	22.1 +- .7	3.3	17.2 +- .8	3.8
033	341	2.5	21.1 +- .6	3.2	16.2 +- .8	3.6
034	343	5.2	20.2 +- .6	3.0	15.4 +- .7	3.5
035	9	3.6	21.4 +- .6	3.2	16.6 +- .8	3.7
036	14	3.3	24.5 +- .7	3.7	19.6 +- .8	4.1
037	37	3	20.1 +- .6	3.0	15.3 +- .7	3.5
038	22	1.8	21.3 +- .6	3.2	16.5 +- .8	3.7
039	351	1.6	21.2 +- .6	3.2	16.3 +- .8	3.7
040	344	15.	19.2 +- .6	2.9	14.4 +- .7	3.4
041	344	15.	19.2 +- .6	2.9	14.4 +- .7	3.4
TRANSIT DOSE = 4.4 +- .5			2.0			

BEAVER VALLEY
FOR THE PERIOD 840320-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.1 +- .6	3
11.25-33.75 (NNE)	17.5 +- 1.8	3
33.75-56.25 (NE)	16.0 +- .6	3
56.25-78.75 (ENE)	17.0 +- .9	2
78.75-101.25 (E)	17.2 +- .4	3
101.25-123.75(ESE)	16.6 +- 1.5	2
123.75-146.25(SE)	18.3 +- 0.0	1
146.25-168.75(SSE)	18.4 +- 0.0	1
168.75-191.25(S)	16.7 +- 1.2	4
191.25-213.75(SSW)	16.8 +- .6	2
213.75-236.25(SW)	16.9 +- 1.6	2
236.25-258.75(WSW)	16.7 +- 0.0	1
258.75-281.25(W)	16.7 +- .9	3
281.25-303.75(WNW)	16.1 +- 2.7	2
303.75-326.25(NW)	17.9 +- .9	2
326.25-348.75(NNW)	15.8 +- .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.1 +- 1.1	8
2-5	16.9 +- 1.3	20
>5	16.2 +- .6	8
UPWIND CONTROL DATA	14.4 +- .0	2

BIG ROCK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840720 123 DAYS
FIELD TIME 86 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.		
001	208	4.9	18.9	+- .6 ;	2.8	16.5	+- .8 ;	3.9
002	220	3.6	19.5	+- .6 ;	2.9	17.1	+- .8 ;	3.9
003	204	2.4	19.4	+- .6 ;	2.9	17.0	+- .8 ;	3.9
004	176	3.3	19.4	+- .6 ;	2.9	17.0	+- .8 ;	3.9
005	161	4.6	19.3	+- .6 ;	2.9	16.9	+- .8 ;	3.9
006	133	4.7	21.8	+- .7 ;	3.3	19.5	+- .9 ;	4.2
007	116	3.7	23.4	+- .7 ;	3.5	21.2	+- .9 ;	4.4
008	111	4.7	23.5	+- .7 ;	3.5	21.3	+- .9 ;	4.4
009	98	4.5	19.1	+- .6 ;	2.9	16.7	+- .8 ;	3.9
010	88/	12.	20.2	+- .6 ;	3.0	17.9	+- .8 ;	4.0
011	83/	16.	20.5	+- .6 ;	3.1	18.1	+- .8 ;	4.0
012	83/	16.	19.3	+- .6 ;	2.9	16.9	+- .8 ;	3.9
013	83/	16.	18.8	+- .6 ;	2.8	16.3	+- .8 ;	3.8
014	77	3.4	19.5	+- .6 ;	2.9	17.1	+- .8 ;	3.9
015	96	1.8	21.9	+- .7 ;	3.3	19.6	+- .9 ;	4.2
016	118	2.0	20.6	+- .6 ;	3.1	18.2	+- .8 ;	4.1
017	134	2.0	19.7	+- .6 ;	2.9	17.3	+- .8 ;	3.9
018	222	1.9	18.4	+- .6 ;	2.8	16.0	+- .8 ;	3.8
019	194	1.4	22.6	+- .7 ;	3.4	20.3	+- .9 ;	4.3
020	179	1.5	19.8	+- .6 ;	3.0	17.4	+- .8 ;	4.0
021	153	1.1	20.9	+- .6 ;	3.1	18.6	+- .8 ;	4.1
TRANSIT DOSE =			3.1	+- .5 ;	2.4			

BIG ROCK
FOR THE PERIOD 840320-840720

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	17.1 +- 0.0	1
78.75-101.25 (E)	18.1 +- 1.4	3
101.25-123.75(ESE)	20.2 +- 1.7	3
123.75-146.25(SE)	18.4 +- 1.6	2
146.25-168.75(SSE)	17.8 +- 1.2	2
168.75-191.25(S)	17.2 +- .3	2
191.25-213.75(SSW)	17.9 +- 2.1	3
213.75-236.25(SW)	16.5 +- .8	2
236.25-258.75(WSW)	NO DATA+-NO DATA	0
258.75-281.25(W)	NO DATA+-NO DATA	0
281.25-303.75(WNW)	NO DATA+-NO DATA	0
303.75-326.25(NW)	NO DATA+-NO DATA	0
326.25-348.75(NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	18.2 +- 1.5	7
2-5	18.0 +- 1.9	10
>5	17.9 +- 0.0	1
UPWIND CONTROL DATA	17.1 +- .9	3

BRAIDWOOD
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840813 148 DAYS
FIELD TIME 135 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	351	.8	25.8 +- .8 ; 3.9	NO NET DATA
002	19	1.3	25.4 +- .8 ; 3.8	NO NET DATA
003	45	2	MISSING OR DAMAGED DOSIMETER	
004	66	2.1	26.1 +- .8 ; 3.9	NO NET DATA
005	87	1.8	24.1 +- .7 ; 3.6	NO NET DATA
006	114	2	24.4 +- .7 ; 3.7	NO NET DATA
007	133	2.7	25.6 +- .8 ; 3.8	NO NET DATA
008	151	2.8	23.7 +- .7 ; 3.5	NO NET DATA
009	178	3.9	35.0 +- 1.0 ; 5.2	NO NET DATA
010	197	2.8	26.2 +- .8 ; 3.9	NO NET DATA
011	222	1.4	23.9 +- .7 ; 3.6	NO NET DATA
012	252	1.1	25.6 +- .8 ; 3.8	NO NET DATA
013	261	1.0	24.4 +- .7 ; 3.7	NO NET DATA
014	278	1.2	25.0 +- .7 ; 3.7	NO NET DATA
015	310	1.3	25.5 +- .8 ; 3.8	NO NET DATA
016	335	1.6	22.6 +- .7 ; 3.4	NO NET DATA
017	359	1.5	25.3 +- .8 ; 3.8	NO NET DATA
018	018	3.5	31.6 +- .9 ; 4.7	NO NET DATA
019	042	6.3	26.9 +- .8 ; 4.0	NO NET DATA
020	069	5.7	28.1 +- .8 ; 4.2	NO NET DATA
021	086	6.8	28.2 +- .8 ; 4.2	NO NET DATA
022	100	10/	28.4 +- .9 ; 4.3	NO NET DATA
023	45/	4.9	26.1 +- .8 ; 3.9	NO NET DATA
024	070	4.2	24.0 +- .7 ; 3.6	NO NET DATA
025	086	4.1	MISSING OR DAMAGED DOSIMETER	
026	113	4.4	25.8 +- .8 ; 3.9	NO NET DATA
027	142	6.4	27.4 +- .8 ; 4.1	NO NET DATA
028	161	6.1	25.8 +- .8 ; 3.9	NO NET DATA
029	180	6.1	35.3 +- 1.1 ; 5.3	NO NET DATA
030	191	5.8	33.4 +- 1.0 ; 5.0	NO NET DATA
031	230	5.8	29.9 +- .9 ; 4.5	NO NET DATA
032	266	5.3	25.8 +- .8 ; 3.9	NO NET DATA
033	289	4.1	28.9 +- .9 ; 4.3	NO NET DATA
034	315	4.3	28.8 +- .9 ; 4.3	NO NET DATA
035	333	4.5	27.2 +- .8 ; 4.1	NO NET DATA
036	000	5.9	23.9 +- .7 ; 3.6	NO NET DATA
037	021	5.3	24.1 +- .7 ; 3.6	NO NET DATA
038	190	10/	30.0 +- .9 ; 4.5	NO NET DATA
039	224	13/	22.4 +- .7 ; 3.4	NO NET DATA
040	224	13/	23.2 +- .7 ; 3.5	NO NET DATA

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

BRAIDWOOD
FOR THE PERIOD 840319-840813

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.2 +- .6	3
11.25-33.75 (NNE)	16.4 +- 2.4	3
33.75-56.25 (NE)	16.1 +- .3	2
56.25-78.75 (ENE)	15.8 +- 1.2	3
78.75-101.25 (E)	16.4 +- 1.5	3
101.25-123.75(ESE)	15.3 +- .6	2
123.75-146.25(SE)	16.1 +- .8	2
146.25-168.75(SSE)	15.1 +- .9	2
168.75-191.25(S)	20.3 +- 1.5	4
191.25-213.75(SSW)	15.9 +- 0.0	1
213.75-236.25(SW)	16.3 +- 2.6	2
236.25-258.75(WSW)	15.5 +- 0.0	1
258.75-281.25(W)	15.2 +- .4	3
281.25-303.75(WNW)	17.5 +- 0.0	1
303.75-326.25(NW)	16.5 +- 1.4	2
326.25-348.75(NNW)	15.1 +- 2.0	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.0 +- .6	11
2-5	16.7 +- 2.0	12
>5	17.2 +- 2.0	13
UPWIND CONTROL DATA	13.8 +- .3	2

BROWNS FERRY
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840808 140 DAYS
FIELD TIME 96 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	130	9	21.7 +- .6 ; 3.2	15.3 +- .7 ; 3.5
002	133	5.5	MISSING OR DAMAGED DOSIMETER	
003	153	4.3	MISSING OR DAMAGED DOSIMETER	
004	210	5.8	21.7 +- .6 ; 3.2	15.3 +- .7 ; 3.5
005	220	6	19.0 +- .6 ; 2.9	12.8 +- .7 ; 3.2
006	245	4.5	23.1 +- .7 ; 3.5	16.6 +- .8 ; 3.7
007	269	1.9	21.8 +- .7 ; 3.3	15.4 +- .7 ; 3.6
008	257	11.	20.2 +- .6 ; 3.0	13.9 +- .7 ; 3.4
009	295	7	21.7 +- .7 ; 3.3	15.3 +- .7 ; 3.5
010	292	4.5	20.8 +- .6 ; 3.1	14.5 +- .7 ; 3.4
011	269	1.9	21.3 +- .6 ; 3.2	14.9 +- .7 ; 3.5
012	240	2.6	19.6 +- .6 ; 2.9	13.4 +- .7 ; 3.3
013	220	1.7	21.6 +- .6 ; 3.2	15.2 +- .7 ; 3.5
014	208	17	20.7 +- .6 ; 3.1	14.4 +- .7 ; 3.4
015	201	3	22.1 +- .7 ; 3.3	15.7 +- .7 ; 3.6
016	181	3	20.0 +- .6 ; 3.0	13.7 +- .7 ; 3.3
017	50	9.5	21.2 +- .6 ; 3.2	14.8 +- .7 ; 3.5
018	51	3.5	19.1 +- .6 ; 2.9	12.8 +- .7 ; 3.2
019	62	3.2	21.1 +- .6 ; 3.2	14.8 +- .7 ; 3.5
020	86	2.8	23.9 +- .7 ; 3.6	17.4 +- .8 ; 3.8
021	111	3.1	21.5 +- .6 ; 3.2	15.1 +- .7 ; 3.5
022	64	1.1	25.9 +- .8 ; 3.9	19.3 +- .8 ; 4.1
023	90	26	20.9 +- .6 ; 3.1	14.5 +- .7 ; 3.4
024	111	.8	22.9 +- .7 ; 3.4	16.4 +- .8 ; 3.7
025	46	2.2	MISSING OR DAMAGED DOSIMETER	
026	26	1.7	22.7 +- .7 ; 3.4	16.3 +- .8 ; 3.7
027	333	1.7	20.6 +- .6 ; 3.1	14.2 +- .7 ; 3.4
028	335	1	23.2 +- .7 ; 3.5	16.7 +- .8 ; 3.7
029	27	3.8	22.4 +- .7 ; 3.4	15.9 +- .8 ; 3.6
030	0	4	20.1 +- .6 ; 3.0	13.8 +- .7 ; 3.4
031	340	5.3	22.7 +- .7 ; 3.4	16.3 +- .8 ; 3.7
032	312	12	21.4 +- .6 ; 3.2	15.0 +- .7 ; 3.5
033	0	1.5	23.8 +- .7 ; 3.6	17.3 +- .8 ; 3.8
034	52	7	21.5 +- .6 ; 3.2	15.1 +- .7 ; 3.5
035	95	5.4	21.5 +- .6 ; 3.2	15.1 +- .7 ; 3.5
036	68	5.6	21.8 +- .7 ; 3.3	15.4 +- .7 ; 3.6
037	149	7.8	20.6 +- .6 ; 3.1	14.3 +- .7 ; 3.4
038	164	7	18.4 +- .6 ; 2.8	12.2 +- .7 ; 3.2
TRANSIT DOSE = 5.4 +- .4 ; 1.9				

BROWNS FERRY
FOR THE PERIOD 840322-840808

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.6 +- 2.5	2
11.25-33.75 (NNE)	16.1 +- .2	2
33.75-56.25 (NE)	14.2 +- 1.2	3
56.25-78.75 (ENE)	16.5 +- 2.4	3
78.75-101.25 (E)	15.7 +- 1.5	3
101.25-123.75(ESE)	15.8 +- .8	2
123.75-146.25(SE)	15.3 +- 0.0	1
146.25-168.75(SSE)	13.3 +- 1.5	2
168.75-191.25(S)	13.7 +- 0.0	1
191.25-213.75(SSW)	15.5 +- .3	2
213.75-236.25(SW)	14.0 +- 1.7	2
236.25-258.75(WSW)	15.0 +- 2.3	2
258.75-281.25(W)	15.1 +- .3	2
281.25-303.75(WNW)	14.9 +- .6	2
303.75-326.25(NW)	15.0 +- 0.0	1
326.25-348.75(NNW)	15.7 +- 1.3	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.2 +- 1.5	9
2-5	14.9 +- 1.4	11
>5	14.7 +- 1.1	13
UPWIND CONTROL DATA	14.2 +- .3	2

BRUNSWICK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840719 123 DAYS
FIELD TIME 100 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.		
001	260	2.2	14.5 +- .4	2.2	9.3 +- .6		2.7
002	245	3.4	14.3 +- .4	2.1	9.1 +- .6		2.6
003	231	3.8	13.7 +- .4	2.0	8.6 +- .6		2.6
004	210	4.9	16.3 +- .5	2.4	10.9 +- .6		2.8
005	186	4.3	15.7 +- .5	2.3	10.4 +- .6		2.8
006	270	4.5	14.7 +- .4	2.2	9.5 +- .6		2.7
007	272	.4	15.0 +- .4	2.2	9.7 +- .6		2.7
008	73	1.3	16.9 +- .5	2.5	11.4 +- .6		2.9
009	97	1.0	15.4 +- .5	2.3	10.1 +- .6		2.8
010	120	1.5	16.4 +- .5	2.5	11.0 +- .6		2.9
011	131	0.9	17.1 +- .5	2.6	11.7 +- .6		2.9
012	156	1.1	16.3 +- .5	2.4	10.9 +- .6		2.8
013	180	1.1	16.2 +- .5	2.4	10.9 +- .6		2.8
014	194	2.4	14.8 +- .4	2.2	9.5 +- .6		2.7
015	201	2.0	15.6 +- .5	2.3	10.3 +- .6		2.8
016	218	1.2	15.6 +- .5	2.3	10.3 +- .6		2.8
017	252	1.1	16.5 +- .5	2.5	11.1 +- .6		2.9
018	272	1.2	15.3 +- .5	2.3	10.0 +- .6		2.7
019	19	1.1	14.7 +- .4	2.2	9.5 +- .6		2.7
020	2	1.1	14.8 +- .4	2.2	9.5 +- .6		2.7
021	288	1.3	13.5 +- .4	2.0	8.4 +- .6		2.6
022	307	1.5	13.9 +- .4	2.1	8.7 +- .6		2.6
023	338	2.	15.0 +- .5	2.3	9.8 +- .6		2.7
024	325	4.9	14.5 +- .4	2.2	9.3 +- .6		2.7
025	338	3.8	15.4 +- .5	2.3	10.1 +- .6		2.8
026	356	5.2	14.8 +- .4	2.2	9.6 +- .6		2.7
027	30	6.4	14.1 +- .4	2.1	8.9 +- .6		2.6
028	43	9.0	15.1 +- .5	2.3	9.9 +- .6		2.7
029	50	8.5	MISSING OR DAMAGED DOSIMETER				
030	59	7.2	16.4 +- .5	2.5	11.0 +- .6		2.9
031	65	6.5	16.2 +- .5	2.4	10.9 +- .6		2.8
032	74	5.8	17.4 +- .5	2.6	11.9 +- .6		3.0
033	88	4.1	14.5 +- .4	2.2	9.3 +- .6		2.7
034	12/	17.	16.4 +- .5	2.5	11.0 +- .6		2.9
035	16/	18.	14.4 +- .4	2.2	9.2 +- .6		2.7
036	284	15.	15.7 +- .5	2.3	10.4 +- .6		2.8
037	284	15.	16.6 +- .5	2.5	11.2 +- .6		2.9
038	285	15.	MISSING OR DAMAGED DOSIMETER				
039	287	4.6	15.3 +- .5	2.3	10.0 +- .6		2.7
040	271	0.7	17.2 +- .5	2.6	11.8 +- .6		3.0

TRANSIT DOSE = 4.1 +- .5 ; 2.0

BRUNSWICK
FOR THE PERIOD 840319-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	9.6 +- .0	2
11.25-33.75 (NNE)	9.7 +- .9	4
33.75-56.25 (NE)	9.9 +- 0.0	1
56.25-78.75 (ENE)	11.3 +- .5	4
78.75-101.25 (E)	9.7 +- .6	2
101.25-123.75(ESE)	11.0 +- 0.0	1
123.75-146.25(SE)	11.7 +- 0.0	1
146.25-168.75(SSE)	10.9 +- 0.0	1
168.75-191.25(S)	10.6 +- .4	2
191.25-213.75(SSW)	10.3 +- .7	3
213.75-236.25(SW)	9.4 +- 1.2	2
236.25-258.75(WSW)	10.1 +- 1.4	2
258.75-281.25(W)	10.1 +- 1.0	5
281.25-303.75(WNW)	9.2 +- 1.2	2
303.75-326.25(NW)	9.0 +- .4	2
326.25-348.75(NNW)	10.0 +- .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	10.3 +- 1.0	16
2-5	9.6 +- .6	12
>5	10.3 +- 1.0	8
UPWIND CONTROL DATA	10.8 +- .6	2

BYRON
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840813 148 DAYS
FIELD TIME 134 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	10	1.1	26.7	+- .8	4.0	NO NET DATA
002	23	1.0	25.3	+- .8	3.8	NO NET DATA
003	46	1.6	23.2	+- .7	3.5	NO NET DATA
004	68	1.6	30.3	+- .9	4.5	NO NET DATA
005	86	1.4	30.8	+- .9	4.6	NO NET DATA
006	112	1.3	28.6	+- .9	4.3	NO NET DATA
007	133	1.4	28.7	+- .9	4.3	NO NET DATA
008	175	2.2	26.9	+- .8	4.0	NO NET DATA
009	156	0.6	22.5	+- .7	3.4	NO NET DATA
010	183	0.5	28.4	+- .9	4.3	NO NET DATA
011	210	0.6	28.5	+- .9	4.3	NO NET DATA
012	236	0.9	25.9	+- .8	3.9	NO NET DATA
013	247	0.8	25.0	+- .7	3.7	NO NET DATA
014	262	0.7	27.1	+- .8	4.1	NO NET DATA
015	298	0.8	27.2	+- .8	4.1	NO NET DATA
016	326	1.0	22.6	+- .7	3.4	NO NET DATA
017	333	1.6	19.4	+- .6	2.9	NO NET DATA
018	23	4.0	21.7	+- .7	3.3	NO NET DATA
019	17	4.1	19.9	+- .6	3.0	NO NET DATA
020	5	4.3	24.2	+- .7	3.6	NO NET DATA
021	340	4.2	28.4	+- .9	4.3	NO NET DATA
022	322	4.9	28.1	+- .8	4.2	NO NET DATA
023	304	6.9	21.3	+- .6	3.2	NO NET DATA
024	270	4.8	25.5	+- .8	3.8	NO NET DATA
025	244	4.6	20.5	+- .6	3.1	NO NET DATA
026	224	4.8	21.1	+- .6	3.2	NO NET DATA
027	213	5.2	21.1	+- .6	3.2	NO NET DATA
028	209	14.	18.9	+- .5	2.8	NO NET DATA
029	215	13.	23.6	+- .7	3.5	NO NET DATA
030	215	13.	25.7	+- .8	3.9	NO NET DATA
031	204	4.6	18.2	+- .5	2.7	NO NET DATA
032	178	4.4	22.9	+- .7	3.4	NO NET DATA
033	155	3.9	26.1	+- .8	3.9	NO NET DATA
034	138	4.6	25.5	+- .8	3.8	NO NET DATA
035	118	4.4	26.3	+- .8	3.9	NO NET DATA
036	81	3.8	23.1	+- .7	3.5	NO NET DATA
037	70	5.5	24.8	+- .7	3.7	NO NET DATA
038	45	4.0	20.6	+- .6	3.1	NO NET DATA
039	40	6.8	26.8	+- .8	4.0	NO NET DATA
040	45	15.	19.6	+- .6	2.9	NO NET DATA
041	320	3.0	30.0	+- .9	4.5	NO NET DATA

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

BYRON
FOR THE PERIOD 840319-840813

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.5 +- 1.1	2
11.25-33.75 (NNE)	13.6 +- 1.7	3
33.75-56.25 (NE)	13.7 +- 2.0	4
56.25-78.75 (ENE)	16.7 +- 2.4	2
78.75-101.25 (E)	16.4 +- 3.3	2
101.25-123.75(ESE)	16.7 +- 1.0	2
123.75-146.25(SE)	16.5 +- 1.4	2
146.25-168.75(SSE)	14.7 +- 1.5	2
168.75-191.25(S)	15.8 +- 1.7	3
191.25-213.75(SSW)	13.7 +- 3.2	3
213.75-236.25(SW)	14.3 +- 2.0	2
236.25-258.75(WSW)	13.8 +- 1.9	2
258.75-281.25(W)	16.0 +- .7	2
281.25-303.75(WNW)	16.5 +- 0.0	1
303.75-326.25(NW)	15.5 +- 2.5	4
326.25-348.75(NNW)	14.5 +- 3.9	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.9 +- 1.9	16
2-5	14.6 +- 2.1	17
>5	13.8 +- 1.8	5
UPWIND CONTROL DATA	13.8 +- 2.1	3

CALLAWAY
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840720 120 DAYS
FIELD TIME 96 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.	
001	247	2.1	27.5 +- .8	4.1	24.1 +- .9	4.3
002	259	1.4	25.0 +- .8	3.8	21.7 +- .8	4.0
003	282	1.3	25.8 +- .8	3.9	22.5 +- .8	4.1
004	304	1.3	26.8 +- .8	4.0	23.4 +- .9	4.2
005	330	1.7	25.0 +- .7	3.7	21.7 +- .8	4.0
006	1	1.7	21.7 +- .7	3.3	18.6 +- .7	3.6
007	23	2	21.6 +- .6	3.2	18.5 +- .7	3.6
008	77	.7	21.9 +- .7	3.3	18.8 +- .8	3.6
009	85	1.4	22.0 +- .7	3.3	18.9 +- .8	3.6
010	98	1.5	19.7 +- .5	3.0	16.8 +- .7	3.4
011	121	2	24.6 +- .7	3.7	21.3 +- .8	4.0
012	140	2	23.1 +- .7	3.5	19.9 +- .8	3.8
013	158	2.5	21.5 +- .6	3.3	18.5 +- .7	3.6
014	183	3.7	22.3 +- .7	3.3	19.2 +- .8	3.7
015	188	1.7	22.0 +- .7	3.3	18.9 +- .8	3.6
016	202	.7	20.2 +- .6	3.0	17.2 +- .7	3.4
017	237	.7	23.5 +- .7	3.5	20.3 +- .8	3.8
018	312	11	20.9 +- .6	3.1	17.9 +- .7	3.5
019	292	10	19.4 +- .6	2.9	16.5 +- .7	3.3
020	268	9	21.4 +- .6	3.2	18.4 +- .7	3.6
021	247	8	25.7 +- .8	3.9	22.4 +- .9	4.1
022	225	8	22.0 +- .7	3.3	18.9 +- .8	3.6
023	220	8	26.2 +- .8	3.9	22.9 +- .9	4.2
024	205	5.5	23.7 +- .7	3.6	20.5 +- .8	3.8
025	157	4	25.4 +- .8	3.8	22.1 +- .9	4.1
026	134	5	19.0 +- .6	2.8	16.1 +- .7	3.3
027	115	4.2	26.2 +- .8	3.9	23.0 +- .9	4.2
028	95	3.5	25.8 +- .8	3.9	22.5 +- .9	4.1
029	67	3.4	28.8 +- .9	4.3	25.3 +- .9	4.5
030	48	4.5	20.4 +- .6	3.1	17.4 +- .7	3.4
031	14	6.5	22.5 +- .7	3.4	19.4 +- .7	3.7
032	3	5.1	21.8 +- .7	3.3	18.7 +- .7	3.6
033	335	3.6	MISSING OR DAMAGED DOSIMETER			
034	288	4.3	23.4 +- .7	3.5	20.2 +- .8	3.8
035	310	5.2	21.5 +- .6	3.2	18.4 +- .7	3.6
036	264	3.2	MISSING OR DAMAGED DOSIMETER			
037	237	3.0	22.3 +- .7	3.3	19.2 +- .8	3.7
038	270	15.	21.1 +- .6	3.2	18.1 +- .7	3.5
039	270	15	22.1 +- .7	3.3	19.0 +- .8	3.7
040	203	20	21.1 +- .6	3.2	18.0 +- .7	3.5

TRANSIT DOSE = 1.8 +- .5 ; 2.1

CALLAWAY
FOR THE PERIOD 840323-840720

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	18.7 +- .0	2
11.25-33.75 (NNE)	18.9 +- .6	2
33.75-56.25 (NE)	17.4 +- 0.0	1
56.25-78.75 (ENE)	22.1 +- 4.6	2
78.75-101.25 (E)	19.4 +- 2.9	3
101.25-123.75(ESE)	22.1 +- 1.1	2
123.75-146.25(SE)	18.0 +- 2.7	2
146.25-168.75(SSE)	20.3 +- 2.6	2
168.75-191.25(S)	19.0 +- .2	2
191.25-213.75(SSW)	18.9 +- 2.3	2
213.75-236.25(SW)	20.9 +- 2.0	2
236.25-258.75(WSW)	21.5 +- 2.2	4
258.75-281.25(W)	20.0 +- 2.4	2
281.25-303.75(WNW)	19.7 +- 3.0	3
303.75-326.25(NW)	19.9 +- 3.0	3
326.25-348.75(NNW)	21.7 +- 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	19.9 +- 2.0	14
2-5	20.7 +- 2.9	11
>5	19.4 +- 2.0	10
UPWIND CONTROL DATA	18.4 +- .6	3

CALVERT CLIFFS
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840408-840712 96 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	275	1.5	MISSING OR DAMAGED DOSIMETER	
003	284	1.7	13.7 +- .4 ; 2.1	12.5 +- .5 ; 2.4
004	323	2.4	MISSING OR DAMAGED DOSIMETER	
005	297	3.1	14.7 +- .4 ; 2.2	13.5 +- .5 ; 2.5
006	324	4.7	14.8 +- .4 ; 2.2	13.5 +- .5 ; 2.5
007	324	5.5	11.0 +- .3 ; 1.7	9.9 +- .4 ; 2.0
008	256	6.1	12.8 +- .4 ; 1.9	11.6 +- .5 ; 2.2
009	273	4.1	15.2 +- .5 ; 2.3	13.9 +- .5 ; 2.5
010	253	3.7	14.8 +- .4 ; 2.2	13.6 +- .5 ; 2.5
011	230	4	16.5 +- .5 ; 2.5	15.2 +- .6 ; 2.7
012	243	1.3	MISSING OR DAMAGED DOSIMETER	
013	222	1.5	16.7 +- .5 ; 2.5	15.3 +- .6 ; 2.7
014	208	1.8	10.9 +- .3 ; 1.6	9.8 +- .4 ; 2.0
015	176	2.4	16.2 +- .5 ; 2.4	14.9 +- .6 ; 2.7
016	160	1.5	15.1 +- .5 ; 2.3	13.8 +- .5 ; 2.5
019	159	3.8	13.5 +- .4 ; 2.0	12.2 +- .5 ; 2.3
020	139	4.7	13.5 +- .4 ; 2.0	12.3 +- .5 ; 2.3
021	201	4	12.1 +- .4 ; 1.8	10.9 +- .5 ; 2.2
022	187	4.7	12.5 +- .4 ; 1.9	11.3 +- .5 ; 2.2
023	201	8.7	13.1 +- .4 ; 2.0	11.9 +- .5 ; 2.3
024	190	7.8	11.6 +- .3 ; 1.7	10.4 +- .5 ; 2.1
025	325	6.7	12.9 +- .4 ; 1.9	11.7 +- .5 ; 2.3
026	314	10.	12.1 +- .4 ; 1.8	10.9 +- .5 ; 2.2
027	314	10.	11.9 +- .4 ; 1.8	10.7 +- .5 ; 2.1
028	315	10.	15.4 +- .5 ; 2.3	14.1 +- .5 ; 2.6
029	186	11.	14.8 +- .4 ; 2.2	13.5 +- .5 ; 2.5
TRANSIT DOSE =	.8 +- .3 ; 1.3			

CALVERT CLIFFS
FOR THE PERIOD 840408-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	12.3 +- 0.0	1
146.25-168.75(SSE)	13.0 +- 1.1	2
168.75-191.25(S)	12.5 +- 2.0	4
191.25-213.75(SSW)	10.9 +- 1.1	3
213.75-236.25(SW)	15.3 +- .1	2
236.25-258.75(WSW)	12.6 +- 1.4	2
258.75-281.25(W)	13.9 +- 0.0	1
281.25-303.75(WNW)	13.0 +- .7	2
303.75-326.25(NW)	11.7 +- 1.8	3
326.25-348.75(NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	12.8 +- 2.4	4
2-5	13.1 +- 1.4	10
>5	11.5 +- 1.3	6
UPWIND CONTROL DATA	11.9 +- 1.9	3

CATAWBA
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840802 134 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	134	0.1	21.5 +-	.6	3.2	NO NET DATA
002	162	0.4	20.9 +-	.6	3.1	NO NET DATA
003	132	0.8	20.9 +-	.6	3.1	NO NET DATA
004	111	1.3	21.5 +-	.6	3.2	NO NET DATA
005	045	0.7	24.7 +-	.7	3.7	NO NET DATA
006	298	1.3	23.7 +-	.7	3.5	NO NET DATA
007	004	0.6	19.6 +-	.6	2.9	NO NET DATA
008	332	1.5	25.1 +-	.8	3.8	NO NET DATA
009	318	1.6	19.1 +-	.6	2.9	NO NET DATA
010	176	1.8	24.2 +-	.7	3.5	NO NET DATA
011	203	1.5	31.9 +-	1.0	4.8	NO NET DATA
012	223	1.5	23.6 +-	.7	3.5	NO NET DATA
013	250	1.9	18.9 +-	.6	2.8	NO NET DATA
014	270	1.4	18.4 +-	.6	2.8	NO NET DATA
015	331	3.0	19.3 +-	.6	2.9	NO NET DATA
016	311	3.9	20.0 +-	.6	3.0	NO NET DATA
017	296	9.5	24.6 +-	.7	3.7	NO NET DATA
018	324	4.8	22.0 +-	.7	3.3	NO NET DATA
019	352	4.8	18.4 +-	.6	2.8	NO NET DATA
020	022	4.0	21.3 +-	.6	3.2	NO NET DATA
021	290	3.9	22.4 +-	.7	3.4	NO NET DATA
022	266	4.0	24.2 +-	.7	3.6	NO NET DATA
023	251	4.0	15.7 +-	.5	2.3	NO NET DATA
024	229	3.9	16.7 +-	.5	2.5	NO NET DATA
025	202	4.4	23.1 +-	.7	3.5	NO NET DATA
026	051	4.3	23.8 +-	.7	3.6	NO NET DATA
027	064	7.9	17.4 +-	.5	2.6	NO NET DATA
028	061	4.9	20.0 +-	.6	3.0	NO NET DATA
029	049	1.9	21.7 +-	.7	3.3	NO NET DATA
030	064	1.8	20.5 +-	.6	3.1	NO NET DATA
031	087	1.6	19.7 +-	.6	3.0	NO NET DATA
032	121	2.6	21.6 +-	.6	3.2	NO NET DATA
033	114	7.6	MISSING OR DAMAGED DOSIMETER			
034	093	4.5	21.6 +-	.6	3.2	NO NET DATA
035	132	4.3	26.9 +-	.8	4.0	NO NET DATA
036	163	8.9	18.2 +-	.5	2.7	NO NET DATA
037	173	4.9	20.0 +-	.6	3.0	NO NET DATA
038	157	4.6	25.9 +-	.8	3.9	NO NET DATA
039	248	10.	MISSING OR DAMAGED DOSIMETER			
040	229	12.	18.6 +-	.6	2.8	NO NET DATA
041	218	13.	21.9 +-	.7	3.3	NO NET DATA
042	213	16.	23.4 +-	.7	3.5	NO NET DATA

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

CATAWBA
FOR THE PERIOD 840322-840862

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.7 +- .5	2
11.25-33.75 (NNE)	14.3 +- 0.0	1
33.75-56.25 (NE)	15.7 +- 1.0	3
56.25-78.75 (ENE)	12.9 +- 1.1	3
78.75-101.25 (E)	13.9 +- .9	2
101.25-123.75(ESE)	14.5 +- .0	2
123.75-146.25(SE)	15.5 +- 2.2	3
146.25-168.75(SSE)	14.5 +- 2.6	3
168.75-191.25(S)	14.8 +- 2.0	2
191.25-213.75(SSW)	18.5 +- 4.2	2
213.75-236.25(SW)	13.5 +- 3.3	2
236.25-258.75(WSW)	11.6 +- 1.5	2
258.75-281.25(W)	14.3 +- 2.7	2
281.25-303.75(WNW)	15.8 +- .7	3
303.75-326.25(NW)	13.7 +- 1.0	3
326.25-348.75(NNW)	14.9 +- 2.8	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	14.8 +- 2.2	17
2-5	14.3 +- 2.0	17
>5	13.5 +- 2.7	3
UPWIND CONTROL DATA	14.3 +- 1.6	3

CLINTON
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840813 148 DAYS
FIELD TIME 134 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.	
001	352	0.6	25.8 +- .8	3.9	15.4 +- .6	3.0
002	7	0.7	25.7 +- .8	3.8	15.3 +- .6	3.0
003	26	0.8	29.2 +- .9	4.4	17.7 +- .7	3.3
004	165	0.5	27.1 +- .8	4.1	16.3 +- .6	3.1
005	187	0.5	28.6 +- .9	4.3	17.3 +- .7	3.2
006	223	0.6	27.3 +- .8	4.1	16.4 +- .7	3.1
007	238	0.8	27.6 +- .8	4.1	16.6 +- .7	3.1
008	62	1.9	27.7 +- .8	4.1	16.7 +- .7	3.1
009	78	1.8	MISSING OR DAMAGED DOSIMETER			
010	79	2.6	26.6 +- .8	4.0	15.9 +- .6	3.0
011	104	2.3	25.5 +- .8	3.8	15.2 +- .6	3.0
012	115	3.0	23.4 +- .7	3.5	13.8 +- .6	2.8
013	127	3.2	27.4 +- .8	4.1	16.5 +- .7	3.1
014	160	2.1	27.0 +- .8	4.0	16.2 +- .6	3.1
015	180	3.0	29.2 +- .9	4.4	17.7 +- .7	3.3
016	203	3.2	26.2 +- .8	3.9	15.7 +- .6	3.0
017	235	3.7	23.7 +- .7	3.5	14.0 +- .6	2.8
018	255	2.8	28.2 +- .8	4.2	17.0 +- .7	3.2
019	275	2.3	26.6 +- .8	4.0	15.9 +- .6	3.0
020	302	0.9	MISSING OR DAMAGED DOSIMETER			
021	305	0.8	26.1 +- .8	3.9	15.6 +- .6	3.0
022	332	0.6	26.1 +- .8	3.9	15.6 +- .6	3.0
023	358	4.6	27.6 +- .8	4.1	16.7 +- .7	3.1
024	20	3.9	26.4 +- .8	4.0	15.9 +- .6	3.0
025	46	5.0	26.7 +- .8	4.0	16.0 +- .6	3.1
026	62	5.5	24.7 +- .7	3.7	14.7 +- .6	2.9
027	90	4.8	25.4 +- .8	3.8	15.2 +- .6	2.9
028	115	5.2	23.9 +- .7	3.6	14.1 +- .6	2.8
029	128	5.1	26.2 +- .8	3.9	15.7 +- .6	3.0
030	153	5.8	26.8 +- .8	4.0	16.1 +- .6	3.1
031	173	5.2	26.1 +- .8	3.9	15.6 +- .6	3.0
032	205	4.7	27.4 +- .8	4.1	16.5 +- .7	3.1
033	236	5.4	25.9 +- .8	3.9	15.5 +- .6	3.0
034	252	5.8	25.6 +- .8	3.9	15.4 +- .6	3.0
035	263	6.6	20.8 +- .6	3.1	12.1 +- .5	2.6
036	272	4.8	26.4 +- .8	4.0	15.8 +- .6	3.0
037	288	4.8	25.3 +- .8	3.8	15.1 +- .6	2.9
038	297	7.6	24.0 +- .7	3.6	14.2 +- .6	2.8
039	315	5.1	26.6 +- .8	4.0	15.9 +- .6	3.0
040	342	4.8	27.8 +- .8	4.2	16.8 +- .7	3.2
041	657	10.	MISSING OR DAMAGED DOSIMETER			
042	148	13.	27.8 +- .8	4.2	16.8 +- .7	3.2
043	148	13.	29.1 +- .9	4.4	17.6 +- .7	3.3
044	206	15.	22.7 +- .7	3.4	13.4 +- .6	2.7

TRANSIT DOSE = 2.8 +- .5 ; 2.2

CLINTON
FOR THE PERIOD 840319-840813

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.8 +- .7	3
11.25-33.75 (NNE)	16.9 +- 1.3	2
33.75-56.25 (NE)	16.0 +- 0.0	1
56.25-78.75 (ENE)	15.7 +- 1.4	2
78.75-101.25 (E)	15.6 +- .5	2
101.25-123.75(ESE)	14.4 +- .7	3
123.75-146.25(SE)	16.1 +- .6	2
146.25-168.75(SSE)	16.2 +- .1	3
168.75-191.25(S)	16.9 +- 1.1	3
191.25-213.75(SSW)	16.1 +- .5	2
213.75-236.25(SW)	15.3 +- 1.2	3
236.25-258.75(WSW)	16.4 +- .8	3
258.75-281.25(W)	14.6 +- 2.2	3
281.25-303.75(WNW)	14.7 +- .6	2
303.75-326.25(NW)	15.8 +- .2	2
326.25-348.75(NNW)	16.2 +- .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.3 +- .8	10
2-5	15.9 +- 1.0	18
>5	15.0 +- 1.2	10
UPWIND CONTROL DATA	15.9 +- 2.3	3

COMANCHE PK.
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840720 123 DAYS
FIELD TIME 98 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	306	1.4	19.5	+-	.6 ; 2.9	15.7	+-	.7 ;	3.2
002	285	1.5	16.3	+-	.5 ; 2.4	12.8	+-	.6 ;	2.9
003	268	1.1	18.2	+-	.5 ; 2.7	14.5	+-	.7 ;	3.1
004	253	.9	18.4	+-	.5 ; 2.8	14.8	+-	.7 ;	3.1
006	200	1	16.8	+-	.5 ; 2.7	13.3	+-	.6 ;	2.9
007	180	1.4	18.9	+-	.5 ; 2.7	14.4	+-	.6 ;	3.1
008	163	1.6	20.5	+-	.6 ; 3.1	16.7	+-	.7 ;	3.4
009	140	1.3	18.6	+-	.6 ; 2.8	14.9	+-	.7 ;	3.1
010	118	1.5	17.0	+-	.5 ; 2.5	13.4	+-	.6 ;	3.0
011	93	1.9	15.4	+-	.5 ; 2.3	12.0	+-	.6 ;	2.8
012	73	2.4	21.8	+-	.7 ; 3.3	17.9	+-	.7 ;	3.5
013	245	1.7	17.3	+-	.5 ; 2.6	13.7	+-	.6 ;	3.0
014	156	4.3	18.5	+-	.5 ; 2.8	14.9	+-	.7 ;	3.1
015	185	7	17.2	+-	.5 ; 2.6	13.6	+-	.6 ;	3.0
016	183	4.1	19.7	+-	.6 ; 2.9	15.9	+-	.7 ;	3.3
017	205	4.3	19.0	+-	.5 ; 2.9	15.3	+-	.7 ;	3.2
018	225	3.4	16.5	+-	.5 ; 2.5	13.0	+-	.6 ;	2.9
019	245	5.2	18.7	+-	.5 ; 2.8	15.0	+-	.7 ;	3.2
020	264	5.8	18.4	+-	.5 ; 2.8	14.7	+-	.7 ;	3.1
021	258	3.2	17.5	+-	.5 ; 2.6	13.9	+-	.6 ;	3.0
022	284	5.1	17.0	+-	.5 ; 2.5	13.4	+-	.6 ;	3.0
023	313	5.8	18.1	+-	.5 ; 2.7	14.5	+-	.7 ;	3.1
024	332	4.9	17.9	+-	.5 ; 2.7	14.3	+-	.6 ;	3.1
025	9	4.6	18.0	+-	.5 ; 2.7	14.4	+-	.6 ;	3.1
026	26	4.5	17.3	+-	.5 ; 2.6	13.7	+-	.6 ;	3.0
027	47	4.1	17.3	+-	.5 ; 2.6	13.8	+-	.6 ;	3.0
028	6	1.8	17.9	+-	.5 ; 2.7	14.3	+-	.6 ;	3.1
029	16	1.9	18.3	+-	.5 ; 2.7	14.6	+-	.7 ;	3.1
030	102	3	20.0	+-	.6 ; 3.0	16.2	+-	.7 ;	3.3
031	108	3.9	18.3	+-	.5 ; 2.7	14.7	+-	.7 ;	3.1
032	135	4.6	18.9	+-	.5 ; 2.8	15.2	+-	.7 ;	3.2
033	152	6.3	17.0	+-	.5 ; 2.6	13.5	+-	.6 ;	3.0
034	47	2.9	16.0	+-	.5 ; 2.4	12.6	+-	.6 ;	2.9
035	85	4.8	18.9	+-	.5 ; 2.8	15.2	+-	.7 ;	3.2
036	115	7.5	21.2	+-	.6 ; 3.2	17.3	+-	.7 ;	3.4
037	355	9.4	17.2	+-	.5 ; 2.6	13.6	+-	.6 ;	3.0
038	337	9.2	17.2	+-	.5 ; 2.6	13.6	+-	.6 ;	3.0
039	310	9.9	18.2	+-	.5 ; 2.7	14.5	+-	.7 ;	3.1
040	302	8.1	16.6	+-	.5 ; 2.5	13.1	+-	.6 ;	2.9
041	248	7.9	18.8	+-	.5 ; 2.8	15.1	+-	.7 ;	3.2
042	90	.5	15.9	+-	.5 ; 2.4	12.5	+-	.6 ;	2.9
043	18	9.8	18.3	+-	.5 ; 2.7	14.6	+-	.7 ;	3.1
044	263	1.7	15.7	+-	.5 ; 2.4	12.3	+-	.6 ;	2.8
045	218	12.	18.1	+-	.5 ; 2.7	14.5	+-	.7 ;	3.1
046	140	12.	17.2	+-	.5 ; 2.6	13.7	+-	.6 ;	3.0
047	301	21.	17.4	+-	.5 ; 2.6	13.9	+-	.6 ;	3.0
TRANSIT DOSE =			2.3	+-	.5 ; 2.0				

COMANCHE PK.
FOR THE PERIOD 840320-840720

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.1 +- .4	3
11.25-33.75 (NNE)	14.3 +- .5	3
33.75-56.25 (NE)	13.2 +- .8	2
56.25-78.75 (ENE)	17.9 +- 0.0	1
78.75-101.25 (E)	13.2 +- 1.7	3
101.25-123.75(ESE)	15.4 +- 1.7	4
123.75-146.25(SE)	14.6 +- .8	3
146.25-168.75(SSE)	15.0 +- 1.6	3
168.75-191.25(S)	14.6 +- 1.2	3
191.25-213.75(SSW)	14.3 +- 1.5	2
213.75-236.25(SW)	13.7 +- 1.1	2
236.25-258.75(WSW)	14.5 +- .6	5
258.75-281.25(W)	13.9 +- 1.4	3
281.25-303.75(WNW)	13.3 +- .4	4
303.75-326.25(NW)	14.9 +- .7	3
326.25-348.75(NNW)	14.0 +- .5	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	14.0 +- 1.3	15
2-5	14.7 +- 1.3	15
>5	14.3 +- 1.0	16
UPWIND CONTROL DATA	NO DATA	NO DATA

D.C.COOK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840720 123 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	54	1.7	24.9 +- .7	3.7	21.6 +- .8	4.1
002	67	1.3	17.6 +- .5	2.6	14.4 +- .7	3.2
003	89	1.1	18.2 +- .5	2.7	15.0 +- .7	3.2
004	58	0.7	17.8 +- .5	2.7	14.7 +- .7	3.2
005	19	2.3	17.6 +- .5	2.6	14.4 +- .7	3.2
006	111	1.6	17.2 +- .5	2.6	14.0 +- .7	3.1
007	135	1.5	17.0 +- .5	2.5	13.8 +- .7	3.1
008	158	1.4	17.9 +- .5	2.7	14.7 +- .7	3.2
009	171	1.9	17.3 +- .5	2.6	14.1 +- .7	3.1
010	199	1.5	17.4 +- .5	2.6	14.3 +- .7	3.1
011	195	3.9	17.7 +- .5	2.6	14.5 +- .7	3.2
012	200	6.6	18.3 +- .5	2.7	15.1 +- .7	3.3
013	179	3.9	MISSING OR DAMAGED DOSIMETER			
014	151	4.4	20.5 +- .6	3.1	17.3 +- .7	3.5
015	130	4.6	22.7 +- .7	3.4	19.4 +- .8	3.8
016	110	3.7	MISSING OR DAMAGED DOSIMETER			
017	88	3.6	19.0 +- .6	2.9	15.8 +- .7	3.3
018	67	3.8	18.5 +- .6	2.8	15.3 +- .7	3.3
019	24	3.8	18.1 +- .5	2.7	14.9 +- .7	3.2
020	43	3.3	19.8 +- .6	3.0	16.6 +- .7	3.4
021	26	9.9	21.0 +- .6	3.2	17.8 +- .7	3.6
022	121	18.	18.7 +- .6	2.8	15.5 +- .7	3.3
023	121	18.	18.5 +- .6	2.8	15.3 +- .7	3.3
024	121	18.	21.9 +- .7	3.3	18.7 +- .8	3.7
TRANSIT DOSE =	2.8	+- .4	1.9			

D.C.COOK
FOR THE PERIOD 840320-840720

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	15.7 +- 1.8	3
33.75-56.25 (NE)	19.1 +- 3.5	2
56.25-78.75 (ENE)	14.8 +- .5	3
78.75-101.25 (E)	15.4 +- .6	2
101.25-123.75(ESE)	14.0 +- 0.0	1
123.75-146.25(SE)	16.6 +- 3.9	2
146.25-168.75(SSE)	16.0 +- 1.8	2
168.75-191.25(S)	14.1 +- 0.0	1
191.25-213.75(SSW)	14.6 +- .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.) +-Std.Dev.	# IN GROUP
0-2	15.2 +- 2.4	9
2-5	16.0 +- 1.7	8
>5	16.4 +- 1.9	2
UPWIND CONTROL DATA	16.5 +- 1.9	3

COOPER
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840712 115 DAYS
FIELD TIME 82 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	MISSING OR DAMAGED DOSIMETER	
002	6	3.5	21.1 +- .6 ; 3.2	NO NET DATA
003	18	2.7	21.6 +- .6 ; 3.2	NO NET DATA
004	16	3.2	19.4 +- .6 ; 2.9	NO NET DATA
005	47	1.9	21.5 +- .6 ; 3.2	NO NET DATA
006	40	3.6	19.8 +- .6 ; 3.0	NO NET DATA
007	75	2.7	20.7 +- .6 ; 3.1	NO NET DATA
008	55	2.8	20.3 +- .6 ; 3.0	NO NET DATA
009	80	2.1	21.6 +- .6 ; 3.2	NO NET DATA
010	98	3.7	20.8 +- .6 ; 3.1	NO NET DATA
011	118	2.3	21.0 +- .6 ; 3.1	NO NET DATA
012	109	4.6	21.1 +- .6 ; 3.2	NO NET DATA
013	141	3.2	22.0 +- .7 ; 3.3	NO NET DATA
014	126	5.6	19.9 +- .6 ; 3.0	NO NET DATA
015	159	2.7	19.8 +- .6 ; 3.0	NO NET DATA
016	167	4.9	20.9 +- .6 ; 3.1	NO NET DATA
017	205	0.3	MISSING OR DAMAGED DOSIMETER	
018	186	4.7	21.2 +- .6 ; 3.2	NO NET DATA
019	213	3.0	20.0 +- .6 ; 3.0	NO NET DATA
020	195	4.9	21.7 +- .6 ; 3.2	NO NET DATA
021	222	2.0	21.9 +- .7 ; 3.3	NO NET DATA
022	215	5.7	21.5 +- .6 ; 3.2	NO NET DATA
023	256	1.5	21.2 +- .6 ; 3.2	NO NET DATA
024	238	5.2	22.7 +- .7 ; 3.4	NO NET DATA
025	276	2.2	21.1 +- .6 ; 3.2	NO NET DATA
026	260	3.8	21.9 +- .7 ; 3.3	NO NET DATA
027	301	1.8	21.9 +- .7 ; 3.3	NO NET DATA
028	286	4.3	21.7 +- .7 ; 3.3	NO NET DATA
029	324	2.8	21.0 +- .6 ; 3.2	NO NET DATA
030	333	3.7	21.5 +- .6 ; 3.2	NO NET DATA
031	343	2.6	21.7 +- .7 ; 3.3	NO NET DATA
032	333	3.7	21.5 +- .6 ; 3.2	NO NET DATA
033	215	1.0	21.0 +- .6 ; 3.2	NO NET DATA
034	173	18.	21.9 +- .7 ; 3.3	NO NET DATA
035	333	23.	21.5 +- .6 ; 3.2	NO NET DATA
036	210	19.	21.4 +- .6 ; 3.2	NO NET DATA
037	64	7.0	24.7 +- .7 ; 3.7	NO NET DATA
038	329	9.0	20.5 +- .6 ; 3.1	NO NET DATA
039	276	10.	20.2 +- .6 ; 3.0	NO NET DATA
040	300	2.5	MISSING OR DAMAGED DOSIMETER	
042	93	3.5	MISSING OR DAMAGED DOSIMETER	
043	270	2.2	MISSING OR DAMAGED DOSIMETER	

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

COOPER
FOR THE PERIOD 840320-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.5 +- 0.0	1
11.25-33.75 (NNE)	16.0 +- 1.2	2
33.75-56.25 (NE)	16.0 +- .7	3
56.25-78.75 (ENE)	17.8 +- 2.2	2
78.75-101.25 (E)	16.6 +- .5	2
101.25-123.75(ESE)	16.4 +- .1	2
123.75-146.25(SE)	16.4 +- 1.2	2
146.25-168.75(SSE)	15.9 +- .6	2
168.75-191.25(S)	16.6 +- 0.0	1
191.25-213.75(SSW)	16.3 +- .9	2
213.75-236.25(SW)	16.8 +- .3	3
236.25-258.75(WSW)	17.1 +- .8	2
258.75-281.25(W)	16.5 +- .7	3
281.25-303.75(WNW)	17.0 +- .1	2
303.75-326.25(NW)	16.4 +- 0.0	1
326.25-348.75(NNW)	16.7 +- .4	4

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.8 +- .3	5
2-5	16.4 +- .6	23
>5	16.9 +- 1.4	6
UPWIND CONTROL DATA	16.9 +- .2	3

CRYSTAL RIVER
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840705 106 DAYS
FIELD TIME 83 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
006	61	4.2	13.7 +- .4 ; 2.1	9.4 +- .7 ; 3.1
007	50	3.8	13.9 +- .4 ; 2.1	9.5 +- .7 ; 3.1
008	20	5.2	15.1 +- .5 ; 2.3	10.9 +- .7 ; 3.2
009	6	5.4	15.1 +- .5 ; 2.3	10.8 +- .7 ; 3.2
010	348	5.0	15.6 +- .5 ; 2.3	11.4 +- .7 ; 3.3
011	334	4.8	15.7 +- .5 ; 2.3	11.5 +- .7 ; 3.3
012	318	4.8	MISSING OR DAMAGED DOSIMETER	
013	79	3.8	14.9 +- .4 ; 2.2	10.6 +- .7 ; 3.2
014	95	4.1	14.7 +- .4 ; 2.2	10.5 +- .7 ; 3.2
015	89	1.8	16.9 +- .5 ; 2.5	12.8 +- .7 ; 3.4
016	113	5.0	14.4 +- .4 ; 2.2	10.1 +- .7 ; 3.1
017	133	5.5	14.9 +- .4 ; 2.2	10.6 +- .7 ; 3.2
018	74	8.1	13.5 +- .4 ; 2.0	9.2 +- .6 ; 3.0
019	127	7.6	14.5 +- .4 ; 2.2	10.2 +- .7 ; 3.1
020	150	12.	13.4 +- .4 ; 2.0	9.0 +- .6 ; 3.0
021	159	13.	14.8 +- .4 ; 2.2	10.6 +- .7 ; 3.2
022	150	20.	13.7 +- .4 ; 2.0	9.3 +- .7 ; 3.1
023	150	20.	13.6 +- .4 ; 2.0	9.3 +- .6 ; 3.0
024	150	20.	14.5 +- .4 ; 2.2	10.3 +- .7 ; 3.2
025	56	6.1	14.5 +- .4 ; 2.2	10.3 +- .7 ; 3.2
026	357	5.2	15.7 +- .5 ; 2.4	11.6 +- .7 ; 3.3
027	90/	13.	13.8 +- .4 ; 2.1	9.5 +- .7 ; 3.1
028	140	4.8	15.5 +- .5 ; 2.3	11.3 +- .7 ; 3.3
TRANSIT DOSE =	5.0	+- .4 ; 1.9		

CRYSTAL RIVER
FOR THE PERIOD 840322-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.2 +- .5	2
11.25-33.75 (NNE)	10.9 +- 0.0	1
33.75-56.25 (NE)	9.9 +- .5	2
56.25-78.75 (ENE)	9.3 +- .2	2
78.75-101.25 (E)	10.8 +- 1.4	4
101.25-123.75(ESE)	10.1 +- 0.0	1
123.75-146.25(SE)	10.7 +- .6	3
146.25-168.75(SSE)	9.8 +- 1.1	2
168.75-191.25(S)	NO DATA+-NO DATA	0
191.25-213.75(SSW)	NO DATA+-NO DATA	0
213.75-236.25(SW)	NO DATA+-NO DATA	0
236.25-258.75(WSW)	NO DATA+-NO DATA	0
258.75-281.25(W)	NO DATA+-NO DATA	0
281.25-303.75(WNW)	NO DATA+-NO DATA	0
303.75-326.25(NW)	NO DATA+-NO DATA	0
326.25-348.75(NNW)	11.4 +- .1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	12.8 +- 0.0	1
2-5	10.5 +- .8	8
>5	10.3 +- .8	10
UPWIND CONTROL DATA	9.6 +- .5	3

DAVIS BESSE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840821 155 DAYS
FIELD TIME 106 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.		
001	50	0.6	17.0 +-	.5	; 2.6	8.3 +-	.6	; 3.0
002	86	0.9	18.3 +-	.5	; 2.7	9.4 +-	.7	; 3.1
003	116	1.4	16.9 +-	.5	; 2.5	8.2 +-	.6	; 3.0
004	172	0.8	21.4 +-	.6	; 3.2	12.0 +-	.7	; 3.4
005	200	1.5	23.7 +-	.7	; 3.6	14.0 +-	.8	; 3.7
006	226	1.0	22.5 +-	.7	; 3.4	12.9 +-	.7	; 3.5
007	249	1.5	22.2 +-	.7	; 3.3	12.7 +-	.7	; 3.5
008	267	1.8	23.1 +-	.7	; 3.5	13.5 +-	.8	; 3.6
009	285	1.8	23.2 +-	.7	; 3.5	13.6 +-	.8	; 3.6
010	306	1.5	20.3 +-	.6	; 3.0	11.1 +-	.7	; 3.3
011	344	0.9	21.4 +-	.6	; 3.2	12.0 +-	.7	; 3.4
012	142	4.5	23.2 +-	.7	; 3.5	13.6 +-	.8	; 3.6
013	158	4.0	24.8 +-	.7	; 3.7	14.9 +-	.8	; 3.8
014	180	3.8	21.6 +-	.6	; 3.2	12.2 +-	.7	; 3.4
015	207	4.8	23.1 +-	.7	; 3.5	13.5 +-	.8	; 3.6
016	225	4.5	22.5 +-	.7	; 3.4	13.0 +-	.7	; 3.5
017	254	2.7	25.7 +-	.8	; 3.8	15.7 +-	.8	; 3.9
018	269	3.0	22.8 +-	.7	; 3.4	13.2 +-	.7	; 3.6
019	295	5.3	24.4 +-	.7	; 3.7	14.6 +-	.8	; 3.7
020	25	0.5	17.3 +-	.5	; 2.6	8.5 +-	.6	; 3.0
021	132	9.7	21.8 +-	.7	; 3.3	12.3 +-	.7	; 3.5
022	210	6.5	21.1 +-	.6	; 3.2	11.8 +-	.7	; 3.4
TRANSIT DOSE =	7.2	+- .6 ; 2.4						

DAVIS BESSE
FOR THE PERIOD 840320-840821

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	8.5 +- 0.0	1
33.75-56.25 (NE)	8.3 +- 0.0	1
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	9.4 +- 0.0	1
101.25-123.75(ESE)	8.2 +- 0.0	1
123.75-146.25(SE)	13.6 +- 0.0	1
146.25-168.75(SSE)	14.9 +- 0.0	1
168.75-191.25(S)	12.1 +- .1	2
191.25-213.75(SSW)	13.7 +- .4	2
213.75-236.25(SW)	13.0 +- .0	2
236.25-258.75(WSW)	14.2 +- 2.1	2
258.75-281.25(W)	13.3 +- .2	2
281.25-303.75(WNW)	14.1 +- .7	2
303.75-326.25(NW)	11.1 +- 0.0	1
326.25-348.75(NNW)	12.0 +- 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	11.4 +- 2.2	12
2-5	13.7 +- 1.2	7
>5	14.6 +- 0.0	1
UPWIND CONTROL PATH	12.0 +- .4	2

DIABLO CANYON
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840731 134 DAYS
FIELD TIME 89 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	125	1.0	30.3 +-	.9 ;	4.5	21.9 +-	1.2 ;	5.7	
002	119	4.2	27.2 +-	.8 ;	4.1	18.7 +-	1.1 ;	5.3	
003	107	6.9	26.4 +-	.8 ;	4.0	18.0 +-	1.1 ;	5.2	
004	109	11.	26.7 +-	.8 ;	4.0	18.3 +-	1.1 ;	5.2	
005	113	14.	26.8 +-	.8 ;	4.0	18.3 +-	1.1 ;	5.2	
006	68	9.6	25.6 +-	.8 ;	3.8	17.1 +-	1.1 ;	5.1	
007	359	11.	23.4 +-	.7 ;	3.5	14.9 +-	1.0 ;	4.9	
008	359	5.6	21.2 +-	.6 ;	3.2	12.7 +-	1.0 ;	4.6	
009	339	4.7	19.9 +-	.6 ;	3.0	11.3 +-	1.0 ;	4.5	
011	332	1.3	20.8 +-	.6 ;	3.1	12.3 +-	1.0 ;	4.6	
012	37	21.	27.2 +-	.8 ;	4.1	18.7 +-	1.1 ;	5.3	
013	37	21.	27.0 +-	.8 ;	4.0	18.5 +-	1.1 ;	5.3	
014	37	21.	27.7 +-	.8 ;	4.1	19.2 +-	1.1 ;	5.3	
018	162	9.3	MISSING OR DAMAGED DOSIMETER						
TRANSIT DOSE = 8.6 +- .7 ; 3.3									

DIABLO CANYON
FOR THE PERIOD 840320-840731

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	13.8 +- 1.5	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)	17.1 +- 0.0	1
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75(ESE)	18.3 +- .3	4
123.75-146.25(SE)	21.9 +- 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)	11.8 +- .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.1 +- 6.8	2
2-5	15.0 +- 5.2	2
>5	16.5 +- 2.3	6
UPWIND CONTROL DATA	18.8 +- .4	3

DRESDEN
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840719 122 DAYS
FIELD TIME 111 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	70	4.2	21.5 +-	.6 ;	3.2	15.5 +-	.6 ;	3.1	
002	92	3.9	21.4 +-	.6 ;	3.2	15.5 +-	.6 ;	3.1	
003	119	3.2	21.1 +-	.6 ;	3.2	15.2 +-	.6 ;	3.0	
004	134	1.3	16.0 +-	.5 ;	2.4	11.1 +-	.5 ;	2.5	
005	115	1.5	18.4 +-	.6 ;	2.8	13.0 +-	.6 ;	2.7	
006	180	1.9	20.5 +-	.6 ;	3.1	14.8 +-	.6 ;	3.0	
007	179	0.5	21.6 +-	.6 ;	3.2	15.6 +-	.7 ;	3.1	
008	166	0.7	18.5 +-	.6 ;	2.8	13.1 +-	.6 ;	2.8	
009	205	0.5	20.7 +-	.6 ;	3.1	14.9 +-	.6 ;	3.0	
010	224	0.7	24.8 +-	.7 ;	3.7	18.3 +-	.7 ;	3.4	
011	250	0.9	17.5 +-	.5 ;	2.6	12.3 +-	.6 ;	2.7	
012	263	1.6	21.6 +-	.6 ;	3.2	15.6 +-	.7 ;	3.1	
013	180	4.0	16.3 +-	.5 ;	2.4	11.4 +-	.6 ;	2.5	
014	158	4.8	18.6 +-	.6 ;	2.8	13.2 +-	.6 ;	2.8	
015	137	4.2	20.3 +-	.6 ;	3.0	14.6 +-	.6 ;	2.9	
016	134	8.4	MISSING OR DAMAGED DOSIMETER						
017	189	7.4	19.1 +-	.6 ;	2.9	13.6 +-	.6 ;	2.8	
018	203	4.1	17.9 +-	.5 ;	2.7	12.6 +-	.6 ;	2.7	
019	231	3.8	21.8 +-	.7 ;	3.3	15.8 +-	.7 ;	3.1	
020	244	6.4	21.3 +-	.6 ;	3.2	15.4 +-	.6 ;	3.0	
021	258	8.6	21.4 +-	.6 ;	3.2	15.5 +-	.6 ;	3.1	
022	269	4.4	17.8 +-	.5 ;	2.7	12.5 +-	.6 ;	2.7	
023	295	3.3	20.8 +-	.6 ;	3.1	15.0 +-	.6 ;	3.0	
024	311	3.9	18.5 +-	.6 ;	2.8	13.1 +-	.6 ;	2.8	
025	340	4.7	24.7 +-	.7 ;	3.7	18.2 +-	.7 ;	3.4	
026	7	4.4	19.0 +-	.6 ;	2.8	13.5 +-	.6 ;	2.8	
027	1	2.0	24.3 +-	.7 ;	3.6	17.9 +-	.7 ;	3.4	
028	327	1.7	24.6 +-	.7 ;	3.7	18.1 +-	.7 ;	3.4	
029	318	1.4	22.2 +-	.7 ;	3.3	16.1 +-	.7 ;	3.1	
030	301	1.9	18.4 +-	.6 ;	2.8	13.1 +-	.6 ;	2.8	
031	30	1.5	23.0 +-	.7 ;	3.5	16.8 +-	.7 ;	3.2	
032	48	1.9	25.1 +-	.8 ;	3.8	18.5 +-	.7 ;	3.4	
033	76	1.4	22.7 +-	.7 ;	3.4	16.5 +-	.7 ;	3.2	
034	90	1.4	20.7 +-	.6 ;	3.1	14.9 +-	.6 ;	3.0	
035	26	4.5	21.7 +-	.7 ;	3.3	15.7 +-	.7 ;	3.1	
036	42	3.6	19.7 +-	.6 ;	3.0	14.1 +-	.6 ;	2.9	
037	52/	11.	19.8 +-	.6 ;	3.0	14.2 +-	.6 ;	2.9	
038	274	23.	20.6 +-	.6 ;	3.1	14.8 +-	.6 ;	3.0	
039	274	23.	19.8 +-	.6 ;	3.0	14.2 +-	.6 ;	2.9	
040	275	24.	21.6 +-	.6 ;	3.2	15.6 +-	.7 ;	3.1	
TRANSIT DOSE =	2.3 +-	.5 ; 2.0							

DRESDEN
FOR THE PERIOD 840320-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.7 +- 3.1	2
11.25-33.75 (NNE)	16.3 +- .7	2
33.75-56.25 (NE)	15.6 +- 2.5	3
56.25-78.75 (ENE)	16.0 +- .7	2
78.75-101.25 (E)	15.2 +- .4	2
101.25-123.75(ESE)	14.1 +- 1.5	2
123.75-146.25(SE)	12.9 +- 2.5	2
146.25-168.75(SSE)	13.2 +- .1	2
168.75-191.25(S)	13.8 +- 1.8	4
191.25-213.75(SSW)	13.8 +- 1.6	2
213.75-236.25(SW)	17.0 +- 1.7	2
236.25-258.75(WSW)	14.4 +- 1.8	3
258.75-281.25(W)	14.1 +- 2.2	2
281.25-303.75(WNW)	14.0 +- 1.3	2
303.75-326.25(NW)	14.6 +- 2.1	2
326.25-348.75(NNW)	18.1 +- .1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.3 +- 2.2	17
2-5	14.4 +- 1.7	15
>5	14.7 +- .9	4
UPWIND CONTROL DATA	14.9 +- .7	3

DUANE ARNOLD
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840706 106 DAYS
FIELD TIME 89 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	16.6	+- .5	;	2.5	13.9	+- .7	;	3.1
002	170	6.2	18.6	+- .6	;	2.8	16.0	+- .7	;	3.3
003	180	3.5	16.0	+- .5	;	2.4	13.3	+- .6	;	3.0
004	216	2.9	19.0	+- .6	;	2.8	16.4	+- .7	;	3.4
005	201	2.5	14.5	+- .4	;	2.2	11.8	+- .6	;	2.8
006	213	1.0	16.7	+- .5	;	2.5	14.0	+- .7	;	3.1
007	248	1.0	17.8	+- .5	;	2.7	15.2	+- .7	;	3.2
008	279	1.0	17.9	+- .5	;	2.7	15.3	+- .7	;	3.2
009	298	1.0	19.5	+- .6	;	2.9	16.9	+- .7	;	3.5
010	320	1.5	18.7	+- .6	;	2.8	16.1	+- .7	;	3.3
011	343	1.0	19.0	+- .6	;	2.8	16.4	+- .7	;	3.4
012	359	1.2	18.6	+- .6	;	2.8	16.0	+- .7	;	3.3
013	237	0.5	17.5	+- .5	;	2.6	14.9	+- .7	;	3.2
014	259	3.9	17.9	+- .5	;	2.7	15.3	+- .7	;	3.2
015	272	5.0	15.1	+- .5	;	2.3	12.4	+- .6	;	2.9
016	285	5.0	16.5	+- .5	;	2.5	13.8	+- .7	;	3.1
017	308	4.5	19.1	+- .6	;	2.9	16.5	+- .7	;	3.4
018	340	4.5	15.1	+- .5	;	2.3	12.5	+- .6	;	2.9
019	291	15.	17.3	+- .5	;	2.6	14.7	+- .7	;	3.2
020	291	15.	17.8	+- .5	;	2.7	15.2	+- .7	;	3.2
021	291	15.	15.3	+- .5	;	2.3	12.7	+- .6	;	2.9
022	358	6.1	16.4	+- .5	;	2.5	13.7	+- .7	;	3.1
023	7	2.9	15.3	+- .5	;	2.3	12.6	+- .6	;	2.9
024	28	3.0	18.8	+- .6	;	2.8	16.2	+- .7	;	3.4
025	39	3.5	16.6	+- .5	;	2.5	13.9	+- .7	;	3.1
026	64	3.8	17.7	+- .5	;	2.7	15.1	+- .7	;	3.2
027	50	1.9	15.0	+- .4	;	2.2	12.3	+- .6	;	2.9
028	72	2.3	17.5	+- .5	;	2.6	14.9	+- .7	;	3.2
029	91	3.0	15.8	+- .5	;	2.4	13.2	+- .6	;	3.0
030	93	1.8	MISSING OR DAMAGED DOSIMETER							
031	113	2.0	20.4	+- .6	;	3.1	17.8	+- .7	;	3.6
032	141	1.6	16.5	+- .5	;	2.5	13.8	+- .7	;	3.1
033	153	1.5	18.2	+- .5	;	2.7	15.6	+- .7	;	3.3
034	177	1.2	MISSING OR DAMAGED DOSIMETER							
035	153	4.2	15.5	+- .5	;	2.3	12.8	+- .6	;	2.9
036	135	4.1	16.5	+- .5	;	2.5	13.8	+- .7	;	3.1
037	111	4.6	18.2	+- .5	;	2.7	15.6	+- .7	;	3.3
038	123	5.1	17.5	+- .5	;	2.6	14.9	+- .7	;	3.2
039	132	7.0	15.9	+- .5	;	2.4	13.2	+- .6	;	3.0
040	139	7.6	17.1	+- .5	;	2.6	14.5	+- .7	;	3.1
TRANSIT DOSE =			2.8	+- .4	;	1.8				

DUANE ARNOLD
FOR THE PERIOD 840323-840706

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	14.1 +- 1.7	3
11.25-33.75 (NNE)	16.2 +- 0.0	1
33.75-56.25 (NE)	13.1 +- 1.1	2
56.25-78.75 (ENE)	15.0 +- .1	2
78.75-101.25 (E)	13.2 +- 0.0	1
101.25-123.75(ESE)	16.1 +- 1.5	3
123.75-146.25(SE)	13.8 +- .5	4
146.25-168.75(SSE)	14.1 +- 1.4	3
168.75-191.25(S)	14.7 +- 1.9	2
191.25-213.75(SSW)	12.8 +- 1.6	2
213.75-236.25(SW)	16.4 +- 0.0	1
236.25-258.75(WSW)	15.0 +- .2	2
258.75-281.25(W)	14.3 +- 1.6	3
281.25-303.75(WNW)	15.4 +- 2.2	2
303.75-326.25(NW)	16.3 +- .3	2
326.25-348.75(NNW)	14.4 +- 2.8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.4 +- 1.5	12
2-5	14.1 +- 1.5	17
>5	14.4 +- 1.0	6
UPWIND CONTROL DATA	14.2 +- 1.3	3

FARLEY
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840808 140 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	268	14.	25.8	+-	.8 ; 3.9	12.6	+-	1.0	; 5.1
002	252	7.8	27.2	+-	.8 ; 4.1	13.9	+-	1.1	; 5.3
003	217	6.1	27.4	+-	.8 ; 4.1	14.1	+-	1.1	; 5.3
004	155	5.7	29.7	+-	.9 ; 4.5	16.4	+-	1.1	; 5.6
005	170	5.1	26.6	+-	.8 ; 4.0	13.3	+-	1.0	; 5.2
006	197	4.5	25.3	+-	.8 ; 3.8	12.1	+-	1.0	; 5.1
007	191	2.4	28.6	+-	.9 ; 4.3	15.3	+-	1.1	; 5.4
008	200	1.8	27.4	+-	.8 ; 4.1	14.1	+-	1.1	; 5.3
009	220	1.2	24.5	+-	.7 ; 3.7	11.3	+-	1.0	; 5.0
010	254	.9	27.5	+-	.8 ; 4.1	14.2	+-	1.1	; 5.3
011	300	.9	25.7	+-	.8 ; 3.8	12.4	+-	1.0	; 5.1
012	319	1.1	27.1	+-	.8 ; 4.1	13.8	+-	1.1	; 5.3
013	338	1.3	26.3	+-	.8 ; 3.9	13.0	+-	1.0	; 5.2
014	256	1.2	25.5	+-	.8 ; 3.8	12.3	+-	1.0	; 5.1
015	16	1.3	31.4	+-	.9 ; 4.7	18.0	+-	1.1	; 5.8
016	264	1.6	25.3	+-	.8 ; 3.8	12.1	+-	1.0	; 5.1
017	253	3.5	29.4	+-	.9 ; 4.4	16.1	+-	1.1	; 5.5
018	233	3.2	27.1	+-	.8 ; 4.1	13.8	+-	1.1	; 5.3
019	267	4.5	27.7	+-	.8 ; 4.2	14.4	+-	1.1	; 5.4
020	295	3.8	30.7	+-	.9 ; 4.6	17.3	+-	1.1	; 5.7
021	315	4.6	25.0	+-	.8 ; 3.8	11.8	+-	1.0	; 5.0
022	332	4.3	25.4	+-	.8 ; 3.8	12.1	+-	1.0	; 5.1
023	251	4.8	23.9	+-	.7 ; 3.6	10.6	+-	1.0	; 4.9
024	32	5.3	28.3	+-	.8 ; 4.2	15.0	+-	1.1	; 5.4
025	54	6.2	24.3	+-	.7 ; 3.6	11.0	+-	1.0	; 5.0
026	64	5.5	26.3	+-	.8 ; 3.9	13.0	+-	1.0	; 5.2
027	88	4.7	26.7	+-	.8 ; 4.0	13.4	+-	1.0	; 5.2
028	124	5.1	27.9	+-	.8 ; 4.2	14.6	+-	1.1	; 5.4
029	153	4.1	26.1	+-	.8 ; 3.9	12.8	+-	1.0	; 5.2
030	142	3.6	25.7	+-	.8 ; 3.8	12.4	+-	1.0	; 5.1
031	130	3.	24.4	+-	.7 ; 3.7	11.2	+-	1.0	; 5.0
032	110	2.8	26.1	+-	.8 ; 3.8	11.9	+-	1.0	; 5.1
033	78	2.6	23.9	+-	.7 ; 3.5	10.7	+-	1.0	; 4.9
034	58	2.2	23.7	+-	.7 ; 3.6	10.5	+-	1.0	; 4.9
035	34	2.4	29.4	+-	.9 ; 4.4	16.1	+-	1.1	; 5.5
036	19	2.7	28.2	+-	.8 ; 4.2	14.9	+-	1.1	; 5.4
037	284	10.	25.3	+-	.8 ; 3.8	11.9	+-	1.0	; 5.1
038	289	15.	23.9	+-	.7 ; 3.6	10.6	+-	1.0	; 4.9
039	293	15.	27.1	+-	.8 ; 4.1	13.8	+-	1.1	; 5.3
TRANSIT DOSE =			13.1	+-	.7 ; 3.5				

FARLEY
FOR THE PERIOD 840322-840808

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	16.0 +- 1.8	3
33.75-56.25 (NE)	13.6 +- 3.6	2
56.25-78.75 (ENE)	11.4 +- 1.4	3
78.75-101.25 (E)	13.4 +- 0.0	1
101.25-123.75(ESE)	11.9 +- 0.0	1
123.75-146.25(SE)	12.7 +- 1.7	3
146.25-168.75(SSE)	14.6 +- 2.5	2
168.75-191.25(S)	14.3 +- 1.4	2
191.25-213.75(SSW)	13.1 +- 1.4	2
213.75-236.25(SW)	13.1 +- 1.6	3
236.25-258.75(WSW)	13.4 +- 2.1	5
258.75-281.25(W)	13.0 +- 1.3	3
281.25-303.75(WNW)	14.9 +- 3.5	2
303.75-326.25(NW)	12.8 +- 1.5	2
326.25-348.75(NNW)	12.6 +- .6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.5 +- 2.0	9
2-5	13.2 +- 2.1	18
>5	13.8 +- 1.5	9
UPWIND CONTROL DATA	12.1 +- 1.6	3

FERMI
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840719 122 DAYS
FIELD TIME 92 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (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	MISSING OR DAMAGED DOSIMETER	
003	350	1.8	24.3 +- .7 ; 3.6	19.4 +- .9 ; 4.1
004	345	1.9	21.4 +- .6 ; 3.2	16.6 +- .8 ; 3.8
005	346	1.4	23.5 +- .7 ; 3.5	18.7 +- .8 ; 4.0
006	310	1.3	23.7 +- .7 ; 3.6	18.9 +- .8 ; 4.1
007	296	1.4	22.8 +- .7 ; 3.4	18.0 +- .8 ; 3.9
008	277	1.6	22.2 +- .7 ; 3.3	17.4 +- .8 ; 3.9
009	238	1.0	23.4 +- .7 ; 3.5	18.6 +- .8 ; 4.0
010	225	1.5	20.1 +- .6 ; 3.0	15.4 +- .8 ; 3.6
011	193	0.8	MISSING OR DAMAGED DOSIMETER	
012	183	0.9	22.8 +- .7 ; 3.4	18.0 +- .8 ; 3.9
013	175	0.8	20.6 +- .6 ; 3.1	15.8 +- .8 ; 3.7
014	260	1.7	24.5 +- .7 ; 3.7	19.6 +- .9 ; 4.2
015	245	2.5	MISSING OR DAMAGED DOSIMETER	
016	236	5.0	24.5 +- .7 ; 3.7	19.6 +- .9 ; 4.2
017	225	6.8	MISSING OR DAMAGED DOSIMETER	
018	250	7.8	MISSING OR DAMAGED DOSIMETER	
019	277	6.0	18.9 +- .6 ; 2.8	14.2 +- .7 ; 3.5
020	297	6.0	25.4 +- .8 ; 3.8	20.5 +- .9 ; 4.3
021	320	3.8	MISSING OR DAMAGED DOSIMETER	
022	340	4.7	23.0 +- .7 ; 3.5	18.2 +- .8 ; 4.0
023	358	4.3	22.7 +- .7 ; 3.4	17.9 +- .8 ; 3.9
024	23	5.0	20.0 +- .6 ; 3.0	15.2 +- .8 ; 3.6
025	25	7.0	24.5 +- .7 ; 3.7	19.7 +- .9 ; 4.2
026	0	7.0	21.5 +- .6 ; 3.2	16.8 +- .8 ; 3.8
027	342	8.0	21.5 +- .6 ; 3.2	16.8 +- .8 ; 3.8
028	320	9.5	20.3 +- .6 ; 3.0	15.5 +- .8 ; 3.6
029	290	11.	24.5 +- .7 ; 3.7	19.7 +- .9 ; 4.2
030	270	10.	25.3 +- .8 ; 3.8	20.5 +- .9 ; 4.3
031	245	10.	20.6 +- .6 ; 3.1	15.8 +- .8 ; 3.7
032	220	10.	21.7 +- .6 ; 3.2	16.9 +- .8 ; 3.8
033	270	15.	19.3 +- .6 ; 2.9	14.6 +- .7 ; 3.5
034	270	15.	20.0 +- .6 ; 3.0	15.2 +- .8 ; 3.6
035	290	16.	21.3 +- .6 ; 3.2	16.5 +- .8 ; 3.8
036	350	0.8	24.7 +- .7 ; 3.7	19.9 +- .9 ; 4.2
037	330	0.7	26.4 +- .8 ; 4.0	21.5 +- .9 ; 4.4
038	310	0.7	23.2 +- .7 ; 3.5	18.4 +- .8 ; 4.0
039	23/	10.	24.1 +- .7 ; 3.6	19.3 +- .9 ; 4.1
040	0	9.0	25.3 +- .8 ; 3.8	20.4 +- .9 ; 4.3
041	348	9.0	18.5 +- .6 ; 2.8	13.8 +- .7 ; 3.4
TRANSIT DOSE =			4.4 +- .5 ; 2.1	

FERMI
FOR THE PERIOD 840320-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	18.9 +- 1.5	5
11.25-33.75 (NNE)	18.1 +- 2.5	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)	NO DATA+-NO DATA	0
168.75-191.25(S)	16.9 +- 1.6	2
191.25-213.75(SSW)	NO DATA+-NO DATA	0
213.75-236.25(SW)	17.3 +- 2.2	3
236.25-258.75(WSW)	17.2 +- 2.0	2
258.75-281.25(W)	17.9 +- 2.8	4
281.25-303.75(WNW)	19.4 +- 1.3	3
303.75-326.25(NW)	17.6 +- 1.8	3
326.25-348.75(NNW)	17.6 +- 2.6	6

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	18.3 +- 1.6	14
2-5	17.8 +- 1.8	4
>5	17.7 +- 2.4	13
UPWIND CONTROL DATA	15.4 +- 1.0	3

FITZPATRICK/NINE MI.
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840719 116 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	230	6.9	17.1 +- .5 ; 2.6	14.1 +- .6 ; 3.0
002	184	14	MISSING OR DAMAGED DOSIMETER	
003	122	8.4	MISSING OR DAMAGED DOSIMETER	
004	76	10.	17.8 +- .5 ; 2.7	14.8 +- .7 ; 3.1
005	91	6.8	MISSING OR DAMAGED DOSIMETER	
006	112	4.3	17.3 +- .5 ; 2.6	14.3 +- .6 ; 3.1
007	138	4.3	18.1 +- .5 ; 2.7	15.1 +- .7 ; 3.1
008	152	3.6	17.8 +- .5 ; 2.7	14.8 +- .7 ; 3.1
009	183	3.9	17.7 +- .5 ; 2.6	14.7 +- .7 ; 3.1
010	205	4.5	18.1 +- .5 ; 2.7	15.1 +- .7 ; 3.1
011	220	4.4	17.6 +- .5 ; 2.6	14.6 +- .6 ; 3.1
012	230	6.1	17.6 +- .5 ; 2.6	14.6 +- .6 ; 3.1
013	245	1.8	17.8 +- .5 ; 2.7	14.8 +- .7 ; 3.1
014	223	1.8	17.4 +- .5 ; 2.6	14.4 +- .6 ; 3.1
015	204	2	17.7 +- .5 ; 2.7	14.7 +- .7 ; 3.1
016	181	1.8	17.8 +- .5 ; 2.7	14.8 +- .7 ; 3.1
017	157	1.9	17.5 +- .5 ; 2.6	14.5 +- .6 ; 3.1
018	137	1.6	18.0 +- .5 ; 2.7	15.0 +- .7 ; 3.1
019	115	1.2	17.6 +- .5 ; 2.6	14.6 +- .6 ; 3.1
020	92	1.1	18.0 +- .5 ; 2.7	15.0 +- .7 ; 3.1
021	229	19.	17.1 +- .5 ; 2.6	14.1 +- .6 ; 3.0
022	229	19.	17.6 +- .5 ; 2.6	14.6 +- .6 ; 3.1
023	229	19.	17.1 +- .5 ; 2.6	14.1 +- .6 ; 3.0
024	196	8	17.6 +- .5 ; 2.6	14.6 +- .6 ; 3.1
025	168	7.2	16.6 +- .5 ; 2.5	13.6 +- .5 ; 3.0
026	152	.6	18.7 +- .6 ; 2.8	15.7 +- .7 ; 3.2
TRANSIT DOSE =	2.8 +- .4 ; 1.7			

FITZPATRICK/NINE MI.
FOR THE PERIOD 840326-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	14.8 +- 0.0	1
78.75-101.25 (E)	15.0 +- 0.0	1
101.25-123.75(ESE)	14.5 +- .2	2
123.75-146.25(SE)	15.0 +- .1	2
146.25-168.75(SSE)	14.6 +- .8	4
168.75-191.25(S)	14.7 +- .1	2
191.25-213.75(SSW)	14.8 +- .2	3
213.75-236.25(SW)	14.4 +- .2	4
236.25-258.75(WSW)	14.8 +- 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.) +-Std.Dev.	# IN GROUP
0-2	14.8 +- .4	9
2-5	14.7 +- .3	6
>5	14.3 +- .5	5
UPWIND CONTROL DATA	14.3 +- .3	3

FT.CALHOUN
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840712 115 DAYS
FIELD TIME 82 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	358	2.0	20.7	.6	3.1	19.6	.8	4.0	
002	351	4.6	23.7	.7	3.6	22.9	.9	4.4	
003	30	2.5	21.5	.6	3.2	20.5	.8	4.1	
004	27	4.6	22.2	.7	3.3	21.2	.9	4.2	
005	53	1.9	21.0	.6	3.2	19.9	.8	4.0	
006	37	3.9	21.9	.7	3.3	20.8	.9	4.1	
007	76	5.3	21.7	.6	3.2	20.6	.8	4.1	
008	59	5.2	20.6	.6	3.1	19.5	.8	3.9	
009	100	2.3	19.3	.6	2.9	18.0	.8	3.8	
010	88	5.6	22.1	.7	3.3	21.1	.9	4.2	
011	122	2.3	21.1	.6	3.2	20.0	.8	4.0	
012	105	5.7	20.6	.6	3.1	19.5	.8	3.9	
013	145	1.9	21.8	.7	3.3	20.7	.8	4.1	
014	128	5.5	20.9	.6	3.1	19.7	.8	4.0	
015	157	1.9	21.1	.6	3.2	20.0	.8	4.0	
016	150	4.9	20.8	.6	3.1	19.7	.8	4.0	
017	173	0.5	22.3	.7	3.3	21.3	.9	4.2	
018	173	5.3	23.4	.7	3.5	22.5	.9	4.3	
019	212	5.3	MISSING OR DAMAGED DOSIMETER						
020	204	5.3	22.9	.7	3.4	21.9	.9	4.3	
021	233	2.0	22.8	.7	3.4	21.8	.9	4.3	
022	224	4.6	24.5	.7	3.7	23.8	.9	4.5	
023	239	0.6	21.9	.7	3.3	20.9	.9	4.1	
024	243	6.9	21.0	.6	3.2	19.9	.8	4.0	
025	269	3.3	25.9	.8	3.9	25.2	1.0	4.7	
026	262	5.9	22.9	.7	3.4	21.9	.9	4.3	
027	288	2.8	22.6	.7	3.4	21.7	.9	4.2	
028	292	5.0	21.7	.7	3.3	20.7	.8	4.1	
029	311	2.4	21.1	.6	3.2	20.0	.8	4.0	
030	310	5.5	23.2	.7	3.5	22.3	.9	4.3	
031	340	2.3	19.9	.7	3.0	18.6	.9	3.8	
032	338	5.3	21.8	.7	3.3	20.7	.8	4.1	
033	182	0.5	22.0	.7	3.3	21.0	.9	4.1	
035	127	2.2	19.2	.6	2.9	17.9	.8	3.7	
039	150	5.0	21.2	.6	3.2	20.1	.8	4.0	
040	73	0.5	22.1	.7	3.3	21.1	.9	4.2	
043	29	5.0	20.3	.6	3.0	19.1	.8	3.9	
044	65	3.5	19.0	.6	2.8	17.7	.8	3.7	
045	182	4.2	22.6	.7	3.4	21.6	.9	4.2	
047	298	4.5	22.3	.7	3.3	21.3	.9	4.2	
048	13	14.	21.5	.6	3.2	20.4	.8	4.1	
049	207	19.	22.3	.7	3.3	21.3	.9	4.2	
TRANSIT DOSE =			2.9 +- .4 ; 1.8						

FT.CALHOUN
FOR THE PERIOD 840320-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	21.2 +- 2.3	2
11.25-33.75 (NNE)	20.3 +- 1.0	3
33.75-56.25 (NE)	20.4 +- .7	2
56.25-78.75 (ENE)	19.7 +- 1.5	4
78.75-101.25 (E)	19.6 +- 2.2	2
101.25-123.75(ESE)	19.7 +- .3	2
123.75-146.25(SE)	19.5 +- 1.4	3
146.25-168.75(SSE)	19.9 +- .2	3
168.75-191.25(S)	21.5 +- .6	4
191.25-213.75(SSW)	21.9 +- 0.0	1
213.75-236.25(SW)	22.8 +- 1.4	2
236.25-258.75(WSW)	20.4 +- .7	2
258.75-281.25(W)	23.6 +- 2.3	2
281.25-303.75(WNW)	21.2 +- .5	3
303.75-326.25(NW)	21.1 +- 1.6	2
326.25-348.75(NNW)	19.7 +- 1.5	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	20.7 +- .8	8
2-5	20.6 +- 1.9	19
>5	20.8 +- 1.2	12
UPWIND CONTROL DATA	20.8 +- .6	2

FT. ST. VRAIN
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840713 116 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.		
001	8	0.8	33.5	+- 1.0	; 5.0	26.3	+- 1.2	; 5.6
002	2	3.3	33.3	+- 1.0	; 5.0	26.1	+- 1.2	; 5.6
003	29	2.6	34.0	+- 1.0	; 5.1	26.8	+- 1.2	; 5.7
004	17	5.4	34.7	+- 1.0	; 5.2	27.5	+- 1.2	; 5.8
005	54	2.1	32.0	+- 1.0	; 4.8	24.9	+- 1.1	; 5.4
006	48	4.8	35.5	+- 1.1	; 5.3	28.3	+- 1.2	; 5.9
007	76	2.6	35.8	+- 1.1	; 5.4	28.6	+- 1.2	; 5.9
008	58	4.2	35.3	+- 1.1	; 5.3	28.1	+- 1.2	; 5.8
009	100	1.5	33.3	+- 1.0	; 5.0	26.1	+- 1.2	; 5.6
010	87	4.5	33.6	+- 1.0	; 5.0	26.4	+- 1.2	; 5.6
011	118	1.6	37.1	+- 1.1	; 5.6	29.9	+- 1.2	; 6.1
012	104	3.9	36.5	+- 1.1	; 5.5	29.3	+- 1.2	; 6.0
013	143	1.6	34.3	+- 1.0	; 5.1	27.1	+- 1.2	; 5.7
014	128	4.5	35.3	+- 1.1	; 5.3	28.1	+- 1.2	; 5.8
015	168	2.3	32.3	+- 1.0	; 4.8	25.2	+- 1.1	; 5.4
016	148	4.6	32.4	+- 1.0	; 4.9	25.3	+- 1.1	; 5.4
017	182	0.8	34.0	+- 1.0	; 5.1	26.8	+- 1.2	; 5.7
018	175	4.8	35.0	+- 1.0	; 5.2	27.8	+- 1.2	; 5.8
019	210	0.9	34.0	+- 1.0	; 5.1	26.8	+- 1.2	; 5.7
020	200	2.9	34.3	+- 1.0	; 5.1	27.1	+- 1.2	; 5.7
021	234	1.3	34.5	+- 1.0	; 5.2	27.3	+- 1.2	; 5.7
022	216	3.3	32.7	+- 1.0	; 4.9	25.5	+- 1.1	; 5.4
023	254	2.5	32.4	+- 1.0	; 4.9	25.3	+- 1.1	; 5.4
024	244	3.8	33.1	+- 1.0	; 5.0	25.9	+- 1.1	; 5.5
025	278	1.5	32.9	+- 1.0	; 4.9	25.7	+- 1.1	; 5.4
026	263	5.4	31.8	+- 1.0	; 4.8	24.7	+- 1.1	; 5.2
027	297	1.7	31.9	+- 1.0	; 4.8	24.7	+- 1.1	; 5.2
028	284	5.6	33.3	+- 1.0	; 5.0	26.1	+- 1.2	; 5.5
029	317	0.9	32.6	+- 1.0	; 4.9	25.4	+- 1.1	; 5.4
030	305	4.2	32.2	+- 1.0	; 4.8	25.0	+- 1.1	; 5.3
031	338	1.4	33.0	+- 1.0	; 4.9	25.8	+- 1.1	; 5.5
032	330	5.0	30.3	+- .9	; 4.5	23.1	+- 1.1	; 4.9
033	267	5.5	36.6	+- 1.1	; 5.5	29.4	+- 1.2	; 6.2
034	130	3.7	32.7	+- 1.0	; 4.9	25.5	+- 1.1	; 5.4
035	270	0.1	33.9	+- 1.0	; 5.1	26.7	+- 1.2	; 5.7
038	345	6.7	35.2	+- 1.1	; 5.3	28.0	+- 1.2	; 5.9
039	10	6.0	34.9	+- 1.0	; 5.2	27.7	+- 1.2	; 5.8
040	63	6.0	32.1	+- 1.0	; 4.8	25.0	+- 1.1	; 5.3
041	165	12.	37.2	+- 1.1	; 5.6	30.0	+- 1.3	; 6.3
042	248	13.	38.1	+- 1.1	; 5.7	30.9	+- 1.3	; 6.5
045	198	11.	33.4	+- 1.0	; 5.0	26.2	+- 1.2	; 5.6
046	39	16.	32.5	+- 1.0	; 4.9	25.4	+- 1.1	; 5.4
047	357	17.	30.6	+- .9	; 4.6	23.5	+- 1.1	; 5.0
048	171	18.	33.5	+- 1.0	; 5.0	26.3	+- 1.2	; 5.6
049	360	0.5	35.5	+- 1.1	; 5.3	28.3	+- 1.2	; 5.9

TRANSIT DOSE = 6.9 +- .6 ; 2.6

FT. ST. VRAIN
FOR THE PERIOD 840320-840713

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	26.7 +- .8	3
11.25-33.75 (NNE)	27.2 +- .5	2
33.75-56.25 (NE)	26.2 +- 1.9	3
56.25-78.75 (ENE)	27.2 +- 2.0	3
78.75-101.25 (E)	26.3 +- .2	2
101.25-123.75(ESE)	29.6 +- .4	2
123.75-146.25(SE)	26.9 +- 1.3	3
146.25-168.75(SSE)	26.8 +- 2.8	3
168.75-191.25(S)	27.3 +- .7	2
191.25-213.75(SSW)	26.7 +- .5	3
213.75-236.25(SW)	26.4 +- 1.3	2
236.25-258.75(WSW)	27.4 +- 3.1	3
258.75-281.25(W)	26.6 +- 2.0	4
281.25-303.75(WNW)	25.4 +- 1.0	2
303.75-326.25(NW)	25.2 +- .3	2
326.25-348.75(NNW)	25.7 +- 2.5	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	26.6 +- 1.3	12
2-5	26.4 +- 1.6	19
>5	27.4 +- 2.1	11
UPWIND CONTROL DATA	26.0 +- 2.4	3

GINNA
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840719 116 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	95	1.7	17.5 +- .5	2.6	14.2 +- .7	3.1
002	108	1.1	17.3 +- .5	2.6	14.0 +- .7	3.1
003	142	1.7	17.6 +- .5	2.6	14.3 +- .7	3.1
004	154	1.5	18.0 +- .5	2.7	14.6 +- .7	3.2
005	174	1.4	17.9 +- .5	2.7	14.6 +- .7	3.2
006	212	1.6	16.6 +- .5	2.5	13.3 +- .6	3.0
007	244	.9	16.7 +- .5	2.5	13.4 +- .6	3.0
008	230	.6	17.6 +- .5	2.6	14.3 +- .7	3.1
010	266	1.5	17.2 +- .5	2.6	13.9 +- .7	3.1
011	264	4.6	18.9 +- .6	2.8	15.5 +- .7	3.3
012	245	3.8	MISSING OR DAMAGED DOSIMETER			
013	235	4.2	MISSING OR DAMAGED DOSIMETER			
014	200	3.8	15.2 +- .5	2.3	11.9 +- .6	2.8
015	178	3.4	16.6 +- .5	2.5	13.3 +- .6	3.0
016	160	3.7	16.2 +- .5	2.4	12.9 +- .6	3.0
017	134	3.8	15.7 +- .5	2.4	12.4 +- .6	2.9
018	115	4.3	17.3 +- .5	2.6	14.0 +- .7	3.1
019	88	4	16.0 +- .5	2.4	12.7 +- .6	2.9
020	90	6.2	MISSING OR DAMAGED DOSIMETER			
021	123	7.6	15.4 +- .5	2.3	12.1 +- .6	2.9
022	105	12.	16.3 +- .5	2.4	13.0 +- .6	3.0
023	151	11.	15.1 +- .5	2.3	11.8 +- .6	2.8
024	212	13.	19.3 +- .6	2.9	15.9 +- .7	3.3
025	223	13.	16.0 +- .5	2.4	12.7 +- .6	2.9
026	242	16.	17.0 +- .5	2.6	13.7 +- .6	3.1
027	254	14.	17.9 +- .5	2.7	14.5 +- .7	3.2
028	234	6.9	16.0 +- .5	2.4	12.7 +- .6	2.9
029	185	.3	17.6 +- .5	2.6	14.3 +- .7	3.1
030	264	14.	16.9 +- .5	2.5	13.6 +- .6	3.0
TRANSIT DOSE =			3.1 +- .4	1.8		

GINNA
FOR THE PERIOD 840326-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	13.5 +- 1.0	2
101.25-123.75(ESE)	13.2 +- .9	4
123.75-146.25(SE)	13.4 +- 1.3	2
146.25-168.75(SSE)	13.1 +- 1.4	3
168.75-191.25(S)	14.1 +- .7	3
191.25-213.75(SSW)	13.7 +- 2.1	3
213.75-236.25(SW)	13.2 +- .9	3
236.25-258.75(WSW)	13.4 +- 0.0	1
258.75-281.25(W)	14.7 +- 1.2	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.) +-Std.Dev.	# IN GROUP
0-2	14.1 +- .5	10
2-5	13.2 +- 1.2	7
>5	13.0 +- 1.5	6
UPWIND CONTROL DATA	13.9 +- .5	3

GRAND GULF
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840710 110 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.
002	351	1.6	15.7 +- .5 ; 2.4	NO NET DATA
003	20	1.5	18.1 +- .5 ; 2.7	NO NET DATA
004	51	2.3	17.1 +- .5 ; 2.6	NO NET DATA
005	68	2.7	21.0 +- .6 ; 3.1	NO NET DATA
006	47	4.1	18.0 +- .5 ; 2.7	NO NET DATA
007	68	4.9	20.2 +- .6 ; 3.0	NO NET DATA
008	91	3.2	20.2 +- .6 ; 3.0	NO NET DATA
009	81	1.0	18.1 +- .5 ; 2.7	NO NET DATA
010	109	0.6	19.7 +- .6 ; 3.0	NO NET DATA
011	139	0.8	18.9 +- .6 ; 2.8	NO NET DATA
012	185	1.6	19.0 +- .6 ; 2.9	NO NET DATA
013	207	1.9	19.2 +- .6 ; 2.9	NO NET DATA
014	247	1.5	MISSING OR DAMAGED DOSIMETER	
015	130	4.2	19.6 +- .6 ; 2.9	NO NET DATA
016	122	4.8	MISSING OR DAMAGED DOSIMETER	
017	135	5.3	18.0 +- .5 ; 2.7	NO NET DATA
018	147	4.3	17.6 +- .5 ; 2.6	NO NET DATA
019	224	6.8	21.5 +- .6 ; 3.2	NO NET DATA
020	172	3.6	18.0 +- .5 ; 2.7	NO NET DATA
021	291	12.	18.4 +- .6 ; 2.8	NO NET DATA
022	332	8.0	20.7 +- .6 ; 3.1	NO NET DATA
023	310	7.9	MISSING OR DAMAGED DOSIMETER	
024	281	7.0	17.5 +- .5 ; 2.6	NO NET DATA
025	291	4.8	19.0 +- .6 ; 2.9	NO NET DATA
026	248	9.5	17.8 +- .5 ; 2.7	NO NET DATA
027	239	12.	17.7 +- .5 ; 2.6	NO NET DATA
029	090	0.9	19.4 +- .6 ; 2.9	NO NET DATA
030	67	51	14.4 +- .4 ; 2.2	NO NET DATA
031	67	51	15.0 +- .4 ; 2.2	NO NET DATA
032	67	51	MISSING OR DAMAGED DOSIMETER	
033	206	4.8	19.0 +- .6 ; 2.9	NO NET DATA

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

GRAND GULF
FOR THE PERIOD 840323-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.8 +- 0.0	1
11.25-33.75 (NNE)	14.8 +- 0.0	1
33.75-56.25 (NE)	14.3 +- .5	2
56.25-78.75 (ENE)	16.8 +- .4	2
78.75-101.25 (E)	15.7 +- .9	3
101.25-123.75(ESE)	16.1 +- 0.0	1
123.75-146.25(SE)	15.4 +- .7	3
146.25-168.75(SSE)	14.4 +- 0.0	1
168.75-191.25(S)	15.1 +- .6	2
191.25-213.75(SSW)	15.6 +- .1	2
213.75-236.25(SW)	17.6 +- 0.0	1
236.25-258.75(WSW)	14.5 +- .1	2
258.75-281.25(W)	14.3 +- 0.0	1
281.25-303.75(WNW)	15.3 +- .4	2
303.75-326.25(NW)	NO DATA+-NO DATA	0
326.25-348.75(NNW)	16.9 +- 0.0	1

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.1 +- 1.0	8
2-5	15.5 +- 1.1	10
>5	15.4 +- 1.3	7
UPWIND CONTROL DATA	12.0 +- .3	2

HADDAM NECK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840710 110 DAYS
FIELD TIME 90 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.	
002	17	2.6	21.7 +- .6	3.2	17.4 +- .8	3.8
003	45	1.9	18.1 +- .5	2.7	13.8 +- .7	3.4
004	67	2.3	19.4 +- .6	2.9	15.1 +- .8	3.5
005	93	1.6	18.2 +- .5	2.7	13.9 +- .7	3.4
006	115	2.3	17.3 +- .5	2.6	13.0 +- .7	3.3
007	143	1.9	18.9 +- .6	2.8	14.6 +- .7	3.5
008	165	.9	18.4 +- .6	2.8	14.1 +- .7	3.4
009	174	1.3	19.8 +- .6	3.0	15.5 +- .8	3.6
010	195	.7	17.3 +- .5	2.6	13.0 +- .7	3.3
012	241	.8	18.0 +- .5	2.7	13.7 +- .7	3.4
013	263	.8	17.3 +- .5	2.6	13.0 +- .7	3.3
014	290	1.9	19.4 +- .6	2.9	15.1 +- .8	3.5
015	311	1.5	16.6 +- .5	2.5	12.3 +- .7	3.2
016	341	1.3	17.9 +- .5	2.7	13.6 +- .7	3.4
017	360	2.3	20.9 +- .6	3.1	16.6 +- .8	3.7
018	222	2.5	17.8 +- .5	2.7	13.5 +- .7	3.4
019	259	3	17.0 +- .5	2.6	12.7 +- .7	3.3
020	66	3.2	17.9 +- .5	2.7	13.6 +- .7	3.4
021	91	2.8	19.3 +- .6	2.9	15.0 +- .7	3.5
022	112	3.2	18.4 +- .6	2.8	14.1 +- .7	3.4
023	137	2.9	16.8 +- .5	2.5	12.5 +- .7	3.2
024	155	7.1	17.6 +- .5	2.6	13.3 +- .7	3.3
025	175	5.7	17.5 +- .5	2.6	13.2 +- .7	3.3
026	196	2.5	16.8 +- .5	2.5	12.5 +- .7	3.2
027	225	1.1	18.3 +- .5	2.7	14.0 +- .7	3.4
028	250	3.5	17.3 +- .5	2.6	13.0 +- .7	3.3
029	340	20	29.4 +- .9	4.4	25.1 +- 1.0	4.8
030	286	3.2	18.2 +- .5	2.7	13.9 +- .7	3.4
031	322	2.7	18.5 +- .6	2.8	14.2 +- .7	3.4
032	327	2.9	20.9 +- .6	3.1	16.6 +- .8	3.7
033	359	6.4	17.5 +- .5	2.6	13.2 +- .7	3.3
035	54	10.	18.0 +- .5	2.7	13.7 +- .7	3.4
036	72	8.8	21.4 +- .6	3.2	17.1 +- .8	3.8
037	149	6.8	16.5 +- .5	2.5	12.2 +- .7	3.2
038	158	5.9	17.7 +- .5	2.7	13.4 +- .7	3.3
039	267	8.8	18.3 +- .5	2.7	14.0 +- .7	3.4
040	303	9.1	20.6 +- .6	3.1	16.3 +- .8	3.7
041	313	9.6	18.4 +- .6	2.8	14.1 +- .7	3.4
042	320	13.	19.3 +- .6	2.9	15.0 +- .7	3.5
043	324	18	17.3 +- .5	2.6	13.0 +- .7	3.3
044	328	15	18.6 +- .6	2.8	14.3 +- .7	3.4
045	343	18	20.0 +- .6	3.0	15.7 +- .8	3.6
046	144	5	17.5 +- .5	2.6	13.2 +- .7	3.3
047	330	20	MISSING OR DAMAGED DOSIMETER			
049	340	20	18.7 +- .6	2.8	14.4 +- .7	3.5

TRANSIT DOSE = 4.3 +- .5 ; 2.0

HADDAM NECK
FOR THE PERIOD 840323-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.9 +- 2.4	2
11.25-33.75 (NNE)	17.4 +- 0.0	1
33.75-56.25 (NE)	13.7 +- .1	2
56.25-78.75 (ENE)	15.3 +- 1.7	3
78.75-101.25 (E)	14.4 +- .7	2
101.25-123.75(ESE)	13.8 +- .8	2
123.75-146.25(SE)	13.5 +- 1.1	3
146.25-168.75(SSE)	13.3 +- .8	4
168.75-191.25(S)	14.4 +- 1.6	2
191.25-213.75(SSW)	12.7 +- .4	2
213.75-236.25(SW)	13.7 +- .3	2
236.25-258.75(WSW)	13.3 +- .5	2
258.75-281.25(W)	13.2 +- .7	3
281.25-303.75(WNW)	15.1 +- 1.2	3
303.75-326.25(NW)	13.7 +- 1.1	5
326.25-348.75(NNW)	17.1 +- 4.6	5

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.9 +- .9	12
2-5	14.2 +- 1.5	16
>5	14.8 +- 3.1	15
UPWIND CONTROL DATA	14.4 +- 0.0	1

HARRIS
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840413-840802 112 DAYS
FIELD TIME 93 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.	
001	36	2.6	17.4 +- .5	2.6	12.6 +- .7	3.2
002	25	3.2	15.6 +- .5	2.3	10.8 +- .6	2.9
003	5	2.5	17.9 +- .5	2.7	13.1 +- .7	3.2
004	27	1.5	19.9 +- .6	3.0	15.0 +- .7	3.5
005	36	.9	15.1 +- .5	2.3	10.4 +- .6	2.9
006	68	.8	13.3 +- .4	2.0	8.7 +- .6	2.7
007	98	.7	16.8 +- .5	2.5	12.0 +- .7	3.1
008	232	.7	15.1 +- .5	2.3	10.4 +- .6	2.9
009	190	.8	12.8 +- .4	1.9	8.2 +- .6	2.7
010	158	.7	15.0 +- .4	2.2	10.3 +- .6	2.9
011	42	4.7	20.8 +- .6	3.1	15.9 +- .7	3.6
012	40	8.6	17.3 +- .5	2.6	12.5 +- .7	3.1
013	298	13.	14.2 +- .4	2.1	9.5 +- .6	2.8
014	298	12.	15.0 +- .4	2.2	10.3 +- .6	2.9
015	298	11.	13.6 +- .4	2.0	9.0 +- .6	2.7
016	332	4.8	16.1 +- .5	2.4	11.4 +- .6	3.0
018	270	5.1	15.2 +- .5	2.3	10.5 +- .6	2.9
019	270	5.1	17.4 +- .5	2.6	12.6 +- .7	3.2
020	227	4.8	12.5 +- .4	1.9	7.8 +- .6	2.6
021	208	4.6	12.5 +- .4	1.9	7.9 +- .6	2.6
022	190	4.6	14.9 +- .4	2.2	10.2 +- .6	2.9
023	151	4.8	15.7 +- .5	2.4	11.0 +- .6	3.0
024	132	4.7	15.3 +- .5	2.3	10.5 +- .6	2.9
025	112	5	17.3 +- .5	2.6	12.5 +- .7	3.1
026	92	4.6	13.3 +- .4	2.0	8.6 +- .6	2.7
027	115	2.8	14.6 +- .4	2.2	9.9 +- .6	2.8
028	135	2.3	12.6 +- .4	1.9	7.9 +- .6	2.6
029	164	2.2	MISSING OR DAMAGED DOSIMETER			
030	49	2.2	15.2 +- .5	2.3	10.5 +- .6	2.9
031	276	1.8	14.5 +- .4	2.2	9.8 +- .6	2.8
032	292	1.7	18.0 +- .5	2.7	13.2 +- .7	3.2
033	314	1.4	16.9 +- .5	2.5	12.1 +- .7	3.1
034	329	1.3	17.0 +- .5	2.6	12.2 +- .7	3.1
035	350	4.5	15.9 +- .5	2.4	11.1 +- .6	3.0
036	338	4.4	20.8 +- .6	3.1	15.9 +- .7	3.6
037	16	4.9	17.5 +- .5	2.6	12.7 +- .7	3.2
038	68	4.8	12.5 +- .4	1.9	7.9 +- .6	2.6
039	80	6.9	15.0 +- .5	2.3	10.0 +- .6	2.9
040	80	6.9	15.4 +- .5	2.3	10.7 +- .6	2.9
041	118	9.7	19.2 +- .6	2.9	14.3 +- .7	3.4
042	260	1.1	15.1 +- .5	2.3	10.4 +- .6	2.9
043	333	1.7	14.8 +- .4	2.2	10.1 +- .6	2.9
044	50	24	20.7 +- .6	3.1	15.8 +- .7	3.5

TRANSIT DOSE = 4.3 +- .5 ; 2.0

HARRIS
FOR THE PERIOD 840413-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.1 +- 1.4	2
11.25-33.75 (NNE)	12.9 +- 2.1	3
33.75-56.25 (NE)	12.9 +- 2.4	6
56.25-78.75 (ENE)	8.3 +- .5	2
78.75-101.25 (E)	10.4 +- 1.4	4
101.25-123.75(ESE)	12.3 +- 2.2	3
123.75-146.25(SE)	9.2 +- 1.8	2
146.25-168.75(SSE)	10.6 +- .5	2
168.75-191.25(S)	9.2 +- 1.4	2
191.25-213.75(SSW)	7.9 +- 0.0	1
213.75-236.25(SW)	9.1 +- 1.8	2
236.25-258.75(WSW)	NO DATA+-NO DATA	0
258.75-281.25(W)	10.8 +- 1.2	4
281.25-303.75(WNW)	13.2 +- 0.0	1
303.75-326.25(NW)	12.1 +- 0.0	1
326.25-348.75(NNW)	12.4 +- 2.5	4

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	11.0 +- 1.9	13
2-5	11.0 +- 2.4	19
>5	12.4 +- 2.1	7
UPWIND CONTROL DATA	9.6 +- .7	3

HATCH
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840719 119 DAYS
FIELD TIME 101 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	342	23	18.7 +- .6 ; 2.8	14.3 +- .7 ; 3.1
002	359	7.7	17.5 +- .5 ; 2.6	13.2 +- .6 ; 2.9
003	354	4.5	16.9 +- .5 ; 2.5	12.7 +- .6 ; 2.9
004	336	2.9	16.9 +- .5 ; 2.5	12.7 +- .6 ; 2.9
005	309	4.6	17.3 +- .5 ; 2.6	13.0 +- .6 ; 2.9
006	297	5.6	19.0 +- .6 ; 2.9	14.6 +- .7 ; 3.1
007	24	2.8	17.7 +- .5 ; 2.6	13.4 +- .6 ; 3.0
008	49	2.0	16.6 +- .5 ; 2.5	12.4 +- .6 ; 2.8
009	49/	10.	17.5 +- .5 ; 2.6	13.2 +- .6 ; 2.9
010	28	4.8	18.0 +- .5 ; 2.7	13.6 +- .6 ; 3.0
011	67	5.0	17.4 +- .5 ; 2.6	13.2 +- .6 ; 2.9
012	50	5.1	22.4 +- .7 ; 3.4	17.6 +- .7 ; 3.5
013	353	2.0	MISSING OR DAMAGED DOSIMETER	
014	341	1.6	17.1 +- .5 ; 2.6	12.9 +- .6 ; 2.9
015	147	10.	16.2 +- .5 ; 2.4	12.1 +- .6 ; 2.8
016	232	0.9	16.5 +- .5 ; 2.5	12.3 +- .6 ; 2.8
017	205	1.6	17.4 +- .5 ; 2.6	13.2 +- .6 ; 2.9
018	192	4.2	14.4 +- .4 ; 2.2	10.5 +- .6 ; 2.6
019	184	4.2	14.6 +- .4 ; 2.2	10.6 +- .6 ; 2.6
020	165	4.6	15.0 +- .5 ; 2.3	11.0 +- .6 ; 2.7
021	135	4.4	15.4 +- .5 ; 2.3	11.4 +- .6 ; 2.7
022	120	4.1	19.2 +- .6 ; 2.9	14.8 +- .7 ; 3.1
023	107	3.7	17.1 +- .5 ; 2.6	12.8 +- .6 ; 2.9
024	123	13.	15.7 +- .5 ; 2.3	11.6 +- .6 ; 2.7
025	114	12.	17.6 +- .5 ; 2.6	13.3 +- .6 ; 2.9
026	142	1.8	18.3 +- .5 ; 2.7	14.0 +- .6 ; 3.0
027	157	2.2	16.4 +- .5 ; 2.5	12.3 +- .6 ; 2.8
028	171	0.9	17.9 +- .5 ; 2.7	13.6 +- .6 ; 3.0
029	253	1.0	16.6 +- .5 ; 2.5	12.4 +- .6 ; 2.8
030	270	1.0	MISSING OR DAMAGED DOSIMETER	
031	292	1.1	17.0 +- .5 ; 2.5	12.7 +- .6 ; 2.9
032	268	4.2	17.9 +- .5 ; 2.7	13.6 +- .6 ; 3.0
033	248	4.3	15.4 +- .5 ; 2.3	11.4 +- .6 ; 2.7
034	216	4.1	14.7 +- .4 ; 2.2	10.7 +- .6 ; 2.6
035	234	11.	16.5 +- .5 ; 2.5	12.3 +- .6 ; 2.8
036	182	10.	15.1 +- .5 ; 2.3	11.1 +- .6 ; 2.7
037	177	10.	16.7 +- .5 ; 2.5	12.5 +- .6 ; 2.8
038	323	12.	19.4 +- .6 ; 2.9	14.9 +- .7 ; 3.1
039	321	13.	MISSING OR DAMAGED DOSIMETER	
040	323	12.	18.4 +- .6 ; 2.8	14.0 +- .6 ; 3.0

TRANSIT DOSE = 2.6 +- .5 ; 2.0

HATCH
FOR THE PERIOD 840323-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.9 +- .4	2
11.25-33.75 (NNE)	13.5 +- .2	2
33.75-56.25 (NE)	14.4 +- 2.8	3
56.25-78.75 (ENE)	13.2 +- 0.0	1
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75(ESE)	13.1 +- 1.3	4
123.75-146.25(SE)	12.7 +- 1.8	2
146.25-168.75(SSE)	11.8 +- .7	3
168.75-191.25(S)	11.9 +- 1.3	4
191.25-213.75(SSW)	11.8 +- 1.9	2
213.75-236.25(SW)	11.8 +- .9	3
236.25-258.75(WSW)	11.9 +- .7	2
258.75-281.25(W)	13.6 +- 0.0	1
281.25-303.75(WNW)	13.7 +- 1.3	2
303.75-326.25(NW)	13.0 +- 0.0	1
326.25-348.75(NNW)	13.3 +- .9	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	12.9 +- .6	9
2-5	12.3 +- 1.3	16
>5	13.2 +- 1.8	11
UPWIND CONTROL DATA	14.5 +- .7	2

INDIAN POINT
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840710 107 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	52	1.4	14.0 +- .4 ; 2.1	10.9 +- .6 ; 2.6
002	53	1	MISSING OR DAMAGED DOSIMETER	
003	61	1.5	15.5 +- .5 ; 2.3	12.4 +- .6 ; 2.8
004	89	1.2	16.3 +- .5 ; 2.4	13.2 +- .6 ; 2.9
005	107	.9	16.3 +- .5 ; 2.4	13.2 +- .6 ; 2.9
006	90	.5	17.2 +- .5 ; 2.6	14.1 +- .6 ; 3.0
007	133	.8	16.6 +- .5 ; 2.5	13.5 +- .6 ; 2.9
008	158	.8	16.4 +- .5 ; 2.5	13.3 +- .6 ; 2.9
009	188	1.2	18.9 +- .6 ; 2.8	15.7 +- .7 ; 3.2
010	206	.9	17.2 +- .5 ; 2.5	14.0 +- .6 ; 3.0
011	170	1.1	15.1 +- .5 ; 2.3	12.0 +- .6 ; 2.7
012	155	2.3	15.8 +- .5 ; 2.4	12.7 +- .6 ; 2.8
013	136	3.2	16.5 +- .5 ; 2.5	13.4 +- .6 ; 2.9
014	107	3.1	16.0 +- .5 ; 2.4	12.9 +- .6 ; 2.9
015	94	3.8	15.7 +- .5 ; 2.4	12.6 +- .6 ; 2.8
016	142	5.7	16.8 +- .5 ; 2.5	13.7 +- .6 ; 3.0
018	147	9.1	17.8 +- .5 ; 2.7	14.6 +- .6 ; 3.1
019	137	11.	16.2 +- .5 ; 2.4	13.1 +- .6 ; 2.9
020	129	11.	17.1 +- .5 ; 2.6	14.0 +- .6 ; 3.0
022	74	7.5	16.1 +- .5 ; 2.4	13.0 +- .6 ; 2.9
023	5	92	17.6 +- .5 ; 2.6	14.5 +- .6 ; 3.1
024	5	92	17.5 +- .5 ; 2.6	14.3 +- .6 ; 3.0
025	65	4.1	16.0 +- .5 ; 2.4	12.9 +- .6 ; 2.9
026	40	4	17.7 +- .5 ; 2.6	14.5 +- .6 ; 3.1
027	25	5.3	17.9 +- .5 ; 2.7	14.7 +- .7 ; 3.1
028	24	2.9	16.9 +- .5 ; 2.5	13.8 +- .6 ; 3.0
029	22	2.1	16.7 +- .5 ; 2.5	13.6 +- .6 ; 2.9
030	8	1.9	17.0 +- .5 ; 2.6	13.9 +- .6 ; 3.0
031	356	5	17.4 +- .5 ; 2.5	14.3 +- .6 ; 3.0
032	330	3.7	18.4 +- .6 ; 2.8	15.3 +- .7 ; 3.2
033	338	4.7	19.8 +- .6 ; 3.0	16.6 +- .7 ; 3.3
034	354	7	20.1 +- .6 ; 3.0	17.0 +- .7 ; 3.4
035	297	4.4	MISSING OR DAMAGED DOSIMETER	
036	309	3.6	MISSING OR DAMAGED DOSIMETER	
037	350	1.1	18.4 +- .6 ; 2.8	15.2 +- .7 ; 3.2
038	337	.9	MISSING OR DAMAGED DOSIMETER	
039	315	1	17.1 +- .5 ; 2.6	14.0 +- .6 ; 3.0
040	294	1.1	16.3 +- .5 ; 2.4	13.2 +- .6 ; 2.9
041	274	1.1	18.7 +- .6 ; 2.8	15.6 +- .7 ; 3.2
042	248	1.5	19.3 +- .6 ; 2.9	16.1 +- .7 ; 3.3
043	263	2.8	MISSING OR DAMAGED DOSIMETER	
044	5	92.	18.3 +- .5 ; 2.7	15.1 +- .7 ; 3.1
045	227	2.4	MISSING OR DAMAGED DOSIMETER	
046	209	3.2	16.3 +- .5 ; 2.4	13.2 +- .6 ; 2.9
047	218	5.3	16.7 +- .5 ; 2.5	13.6 +- .6 ; 2.9
048	201	4.6	17.0 +- .5 ; 2.6	13.9 +- .6 ; 3.0
049	187	5.2	16.1 +- .5 ; 2.4	13.0 +- .6 ; 2.9

TRANSIT DOSE = 2.9 +- .4 ; 1.6

INDIAN POINT
FOR THE PERIOD 840326-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.1 +- 1.2	5
11.25-33.75 (NNE)	14.0 +- .6	3
33.75-56.25 (NE)	12.7 +- 2.6	2
56.25-78.75 (ENE)	12.8 +- .3	3
78.75-101.25 (E)	13.3 +- .8	3
101.25-123.75(ESE)	13.0 +- .2	2
123.75-146.25(SE)	13.5 +- .3	5
146.25-168.75(SSE)	13.5 +- 1.0	3
168.75-191.25(S)	13.6 +- 1.9	3
191.25-213.75(SSW)	13.7 +- .4	3
213.75-236.25(SW)	13.6 +- 0.0	1
236.25-258.75(WSW)	16.1 +- 0.0	1
258.75-281.25(W)	15.6 +- 0.0	1
281.25-303.75(WNW)	13.2 +- 0.0	1
303.75-326.25(NW)	14.0 +- 0.0	1
326.25-348.75(NNW)	16.0 +- .9	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.8 +- 1.4	18
2-5	13.8 +- 1.1	13
>5	14.2 +- 1.2	10
UPWIND CONTROL DATA	14.4 +- .1	2

KEWAUNEE/PT. BEACH
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840719 122 DAYS
FIELD TIME 80 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm	GROSS EXPOSURE(mR) Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm	NET EXPOSURE RATE mR/Std.Qtr. Tot.
001	189	8.1	17.3 +- .5	2.6	9.7 +- .8	4.1
002	195	7.0	24.1 +- .7	3.6	17.4 +- 1.0	5.0
003	163	4.9	18.2 +- .5	2.7	10.8 +- .9	4.2
004	183	3.3	20.2 +- .6	3.0	13.0 +- .9	4.4
005	210	3.2	16.9 +- .5	2.5	9.3 +- .8	4.0
006	223	3.7	21.1 +- .6	3.2	14.0 +- .9	4.5
007	242	5.7	18.0 +- .6	2.8	11.5 +- .9	4.3
008	202	1.8	21.6 +- .6	3.2	14.6 +- 1.0	4.6
009	180	1.8	20.7 +- .6	3.1	13.6 +- .9	4.5
010	158	1.9	18.1 +- .5	2.7	10.7 +- .9	4.2
011	235	1.2	21.1 +- .6	3.2	14.0 +- .9	4.5
012	258	1.4	19.9 +- .6	3.0	12.7 +- .9	4.4
013	273	1.4	19.5 +- .6	2.9	12.2 +- .9	4.3
014	290	0.9	21.7 +- .6	3.2	14.7 +- 1.0	4.6
015	342	0.8	19.9 +- .6	3.0	12.7 +- .9	4.4
016	342	1.9	19.9 +- .6	3.0	12.7 +- .9	4.4
017	317	2.0	19.7 +- .6	3.0	12.5 +- .9	4.4
018	310	3.4	23.1 +- .7	3.5	16.3 +- 1.0	4.8
019	293	4.0	20.3 +- .6	3.0	13.1 +- .9	4.4
020	273	4.0	17.9 +- .5	2.7	10.5 +- .9	4.1
021	300	5.6	18.5 +- .6	2.8	11.1 +- .9	4.2
022	316	5.9	20.5 +- .6	3.1	13.3 +- .9	4.5
023	345	2.7	20.6 +- .6	3.1	13.5 +- .9	4.5
024	219	1.3	19.8 +- .6	3.0	12.5 +- .9	4.4
025	247	1.4	21.2 +- .6	3.2	14.2 +- .9	4.6
026	263	1.3	21.0 +- .6	3.1	13.9 +- .9	4.5
027	290	1.4	21.1 +- .6	3.2	14.0 +- .9	4.5
028	320	1.3	20.3 +- .6	3.0	13.1 +- .9	4.4
029	342	1.1	19.8 +- .6	3.0	12.5 +- .9	4.4
030	329	0.6	21.8 +- .7	3.3	14.9 +- 1.0	4.6
031	13	1.0	18.7 +- .6	2.8	11.3 +- .9	4.2
032	353	2.1	20.6 +- .6	3.1	13.5 +- .9	4.5
033	301	3.9	21.1 +- .6	3.2	14.0 +- .9	4.5
034	299	8.4	20.4 +- .6	3.1	13.2 +- .9	4.5
035	323	3.8	18.2 +- .5	2.7	10.8 +- .9	4.2
036	336	3.3	19.7 +- .6	2.9	12.4 +- .9	4.4
037	6	3.1	19.2 +- .6	2.9	11.9 +- .9	4.3
038	14	3.7	19.7 +- .6	3.0	12.5 +- .9	4.4
039	13	7.6	18.3 +- .5	2.7	10.9 +- .9	4.2
040	247	4.3	20.1 +- .6	3.0	12.9 +- .9	4.4
041	8	23.	16.5 +- .5	2.5	8.9 +- .8	4.0
042	8	23.	17.9 +- .5	2.7	10.4 +- .9	4.1
043	8	23.	17.4 +- .5	2.6	9.9 +- .9	4.1

TRANSIT DOSE = 8.6 +- .5 ; 2.5

KEWAUNEE/PT. BEACH
FOR THE PERIOD 840320-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.7 +- 1.2	2
11.25-33.75 (NNE)	11.6 +- .8	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)	10.7 +- .1	2
58.75-191.25(S)	12.1 +- 2.1	3
191.25-213.75(SSW)	13.7 +- 4.1	3
213.75-236.25(SW)	13.5 +- .8	3
236.25-258.75(WSW)	12.8 +- 1.1	4
258.75-281.25(W)	12.2 +- 1.7	3
281.25-303.75(WNW)	13.4 +- 1.2	6
303.75-326.25(NW)	13.2 +- 2.0	5
326.25-348.75(NNW)	13.1 +- .9	6

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.2 +- 1.2	18
2-5	12.6 +- 1.7	15
>5	12.5 +- 2.5	7
UPWIND CONTROL DATA	9.7 +- .8	3

LACROSSE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840719 122 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	5/	20.	18.1 +- .5 ; 2.7	15.2 +- .7 ; 3.4
002	5/	20.	18.1 +- .5 ; 2.7	15.2 +- .7 ; 3.4
003	3/	20.	18.8 +- .6 ; 2.8	15.[illegible] +- .7 ; 3.5
004	343	3.8	18.9 +- .6 ; 2.8	16.0 +- .7 ; 3.5
005	313	3.8	26.4 +- .8 ; 4.0	23.3 +- .9 ; 4.4
006	291	3.0	21.0 +- .6 ; 3.1	18.0 +- .8 ; 3.8
007	261	4.8	21.8 +- .7 ; 3.3	18.8 +- .8 ; 3.9
008	249	3.2	21.7 +- .6 ; 3.2	18.7 +- .8 ; 3.8
009	214	5.0	18.5 +- .6 ; 2.8	15.6 +- .7 ; 3.5
010	171	9.8	17.0 +- .5 ; 2.6	14.2 +- .7 ; 3.3
011	176	5.1	17.6 +- .5 ; 2.6	14.7 +- .7 ; 3.4
012	165	4.9	20.3 +- .6 ; 3.0	17.3 +- .8 ; 3.7
013	138	3.5	18.2 +- .5 ; 2.7	15.3 +- .7 ; 3.4
014	114	4.2	18.2 +- .5 ; 2.7	15.3 +- .7 ; 3.4
015	97	3.9	17.8 +- .5 ; 2.7	14.9 +- .7 ; 3.4
016	94	3.0	19.6 +- .6 ; 2.9	16.6 +- .7 ; 3.6
017	105	2.0	20.2 +- .6 ; 3.0	17.3 +- .8 ; 3.7
018	52	1.5	17.7 +- .5 ; 2.6	14.8 +- .7 ; 3.4
019	16	1.5	18.7 +- .6 ; 2.8	15.8 +- .7 ; 3.5
020	1	1.0	17.4 +- .5 ; 2.6	14.5 +- .7 ; 3.3
021	358	0.5	21.4 +- .6 ; 3.2	18.5 +- .8 ; 3.8
022	180	0.6	20.6 +- .6 ; 3.1	17.7 +- .8 ; 3.7
023	134	1.7	20.4 +- .6 ; 3.1	17.5 +- .8 ; 3.7
024	58	0.6	21.0 +- .6 ; 3.1	18.0 +- .8 ; 3.8
025	59	3.1	22.4 +- .7 ; 3.4	19.4 +- .8 ; 3.9
026	16	1.5	19.6 +- .6 ; 2.9	16.6 +- .7 ; 3.6
027	26	5.1	18.8 +- .6 ; 2.8	15.9 +- .7 ; 3.5
028	25	7.0	MISSING OR DAMAGED DOSIMETER	
029	4	4.8	20.1 +- .6 ; 3.0	17.1 +- .8 ; 3.7

TRANSIT DOSE = 2.5 +- .5 ; 2.2

LACROSSE
FOR THE PERIOD 840320-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.7 +- 2.0	3
11.25-33.75 (NNE)	16.1 +- .5	3
33.75-56.25 (NE)	14.8 +- 0.0	1
56.25-78.75 (ENE)	18.7 +- 1.0	2
78.75-101.25 (E)	15.8 +- 1.2	2
101.25-123.75(ESE)	16.3 +- 1.4	2
123.75-146.25(SE)	16.4 +- 1.6	2
146.25-168.75(SSE)	17.3 +- 0.0	1
168.75-191.25(S)	15.5 +- 1.9	3
191.25-213.75(SSW)	NO DATA+-NO DATA	0
213.75-236.25(SW)	15.6 +- 0.0	1
236.25-258.75(WSW)	18.7 +- 0.0	1
258.75-281.25(W)	18.8 +- 0.0	1
281.25-303.75(WNW)	18.0 +- 0.0	1
303.75-326.25(NW)	23.3 +- 0.0	1
326.25-348.75(NNW)	16.0 +- 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.7 +- 1.4	9
2-5	17.4 +- 2.3	13
>5	14.9 +- .9	3
UPWIND CONTROL DATA	15.4 +- .4	3

LA SALLE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840813 148 DAYS
FIELD TIME 135 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	302	10.	24.4 +- .7 ; 3.7	NO NET DATA
002	335	4.8	32.1 +- 1.0 ; 4.8	NO NET DATA
003	343	5.8	20.8 +- .6 ; 3.1	NO NET DATA
004	38	5.5	27.1 +- .8 ; 4.1	NO NET DATA
005	39	4.3	19.2 +- .6 ; 2.9	NO NET DATA
006	27	3.8	MISSING OR DAMAGED DOSIMETER	
007	355	4.1	25.4 +- .8 ; 3.8	NO NET DATA
008	304	4.6	MISSING OR DAMAGED DOSIMETER	
009	292	3.9	22.3 +- .7 ; 3.3	NO NET DATA
010	276	3.7	26.7 +- .8 ; 4.0	NO NET DATA
011	248	4.0	22.8 +- .7 ; 3.4	NO NET DATA
012	222	12.	22.1 +- .7 ; 3.3	NO NET DATA
013	212	18.	23.4 +- .7 ; 3.5	NO NET DATA
014	212	18.	24.5 +- .7 ; 3.7	NO NET DATA
015	212	18.	24.5 +- .7 ; 3.7	NO NET DATA
016	215	4.4	MISSING OR DAMAGED DOSIMETER	
017	204	4.0	24.8 +- .7 ; 3.7	NO NET DATA
018	173	4.6	25.0 +- .7 ; 3.7	NO NET DATA
019	174	6.4	22.8 +- .7 ; 3.4	NO NET DATA
020	158	4.9	24.2 +- .7 ; 3.6	NO NET DATA
021	125	4.2	27.9 +- .8 ; 4.2	NO NET DATA
022	114	3.8	25.2 +- .8 ; 3.8	NO NET DATA
023	97	4.5	24.2 +- .7 ; 3.6	NO NET DATA
024	72	4.7	27.4 +- .8 ; 4.1	NO NET DATA
025	41	2.0	25.6 +- .8 ; 3.8	NO NET DATA
026	13	1.6	25.3 +- .8 ; 3.8	NO NET DATA
027	358	1.5	25.2 +- .8 ; 3.8	NO NET DATA
028	336	1.6	24.6 +- .7 ; 3.7	NO NET DATA
029	310	2.3	22.8 +- .7 ; 3.4	NO NET DATA
030	301	2.0	28.7 +- .9 ; 4.3	NO NET DATA
031	271	1.7	23.9 +- .7 ; 3.6	NO NET DATA
032	251	1.8	26.4 +- .8 ; 4.0	NO NET DATA
033	227	2.4	27.8 +- .8 ; 4.2	NO NET DATA
034	204	1.7	24.7 +- .7 ; 3.7	NO NET DATA
035	171	1.6	25.5 +- .8 ; 3.8	NO NET DATA
036	153	1.8	26.0 +- .8 ; 3.9	NO NET DATA
037	139	2.1	24.7 +- .7 ; 3.7	NO NET DATA
038	111	1.5	21.9 +- .7 ; 3.3	NO NET DATA
039	271	0.6	27.5 +- .8 ; 4.1	NO NET DATA

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

LA SALLE
FOR THE PERIOD 840319-840813

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.4 +- .1	2
11.25-33.75 (NNE)	15.4 +- 0.0	1
33.75-56.25 (NE)	14.5 +- 2.6	3
56.25-78.75 (ENE)	16.6 +- 0.0	1
78.75-101.25 (E)	14.7 +- 0.0	1
101.25-123.75(ESE)	14.3 +- 1.4	2
123.75-146.25(SE)	16.0 +- 1.4	2
146.25-168.75(SSE)	15.3 +- .8	2
168.75-191.25(S)	14.8 +- .9	3
191.25-213.75(SSW)	15.0 +- .1	2
213.75-236.25(SW)	15.2 +- 2.5	2
236.25-258.75(WSW)	15.0 +- 1.5	2
258.75-281.25(W)	15.8 +- 1.1	3
281.25-303.75(WNW)	15.3 +- 2.0	3
303.75-326.25(NW)	13.9 +- 0.0	1
326.25-348.75(NNW)	15.7 +- 3.5	3

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.5 +- 1.0	12
2-5	15.3 +- 1.8	16
>5	14.2 +- 1.5	5
UPWIND CONTROL DATA	14.7 +- .4	3

LIMERICK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840705 108 DAYS
FIELD TIME 90 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.		NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.		
002	131	17.	MISSING OR DAMAGED DOSIMETER				
003	88	3.7	19.7 +- .6	2.9	16.7 +- .7		3.4
004	52	3.2	20.5 +- .6	3.1	17.5 +- .7		3.5
005	23	3.5	19.4 +- .6	2.9	16.4 +- .7		3.4
006	8	4.6	22.4 +- .7	3.4	19.4 +- .8		3.8
007	340	7.1	19.4 +- .6	2.9	16.4 +- .7		3.4
008	330	3.6	20.0 +- .6	3.0	17.0 +- .7		3.4
009	313	3.3	19.9 +- .6	3.0	16.9 +- .7		3.4
010	291	4.8	19.9 +- .6	3.0	16.9 +- .7		3.4
011	303	2.9	25.0 +- .7	3.7	22.0 +- .8		4.1
012	314	1.6	18.9 +- .6	2.8	15.9 +- .7		3.3
013	352	1.7	21.2 +- .6	3.2	18.2 +- .8		3.6
014	339	1.3	18.5 +- .6	2.8	15.5 +- .7		3.2
015	47	1.8	20.4 +- .6	3.1	17.4 +- .7		3.5
016	71	2.7	21.6 +- .6	3.2	18.6 +- .8		3.7
017	17	.4	18.5 +- .6	2.8	15.5 +- .7		3.2
018	286	.5	19.5 +- .6	2.9	16.5 +- .7		3.4
019	276	.6	19.6 +- .6	2.9	16.6 +- .7		3.4
020	245	.9	18.4 +- .6	2.8	15.4 +- .7		3.2
021	224	1	19.2 +- .6	2.9	16.2 +- .7		3.3
022	202	1.2	19.7 +- .6	3.0	16.7 +- .7		3.4
023	172	1.6	18.1 +- .5	2.7	15.1 +- .7		3.2
024	150	1.7	17.8 +- .5	2.7	14.8 +- .7		3.2
025	132	1.2	20.3 +- .6	3.0	17.3 +- .7		3.5
026	120	1.2	20.2 +- .6	3.0	17.2 +- .7		3.5
027	160	1	19.3 +- .6	2.9	16.3 +- .7		3.4
028	91	1	18.2 +- .5	2.7	15.2 +- .7		3.2
029	67	.7	18.9 +- .6	2.8	15.9 +- .7		3.3
030	146	3.4	22.7 +- .7	3.4	19.7 +- .8		3.8
031	158	2.8	19.9 +- .6	3.0	16.9 +- .7		3.4
032	152	7.4	18.6 +- .6	2.8	15.6 +- .7		3.3
033	184	4.3	17.4 +- .5	2.6	14.4 +- .7		3.1
034	201	3.9	18.4 +- .6	2.8	15.4 +- .7		3.2
035	225	5.1	19.5 +- .6	2.9	16.5 +- .7		3.4
036	245	4.2	18.8 +- .6	2.8	15.8 +- .7		3.3
037	266	3.9	16.7 +- .5	2.5	13.7 +- .6		3.0
038	290	15	21.1 +- .6	3.2	18.1 +- .7		3.6
039	290	15	20.5 +- .6	3.1	17.5 +- .7		3.5
040	290	15	22.3 +- .7	3.3	19.3 +- .8		3.7
041	128	3	17.4 +- .5	2.6	14.4 +- .7		3.1
042	111	4.4	19.6 +- .6	2.9	16.6 +- .7		3.4
TRANSIT DOSE = 3.0 +- .4 ; 1.7							

LIMERICK
FOR THE PERIOD 840320-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	18.8 +- .9	2
11.25-33.75 (NNE)	16.0 +- .7	2
33.75-56.25 (NE)	17.4 +- .1	2
56.25-78.75 (ENE)	17.3 +- 1.9	2
78.75-101.25 (E)	15.9 +- 1.1	2
101.25-123.75(ESE)	16.9 +- .4	2
123.75-146.25(SE)	17.1 +- 2.7	3
146.25-168.75(SSE)	15.8 +- .9	4
168.75-191.25(S)	14.8 +- .5	2
191.25-213.75(SSW)	16.1 +- 1.0	2
213.75-236.25(SW)	16.3 +- .2	2
236.25-258.75(WSW)	15.6 +- .3	2
258.75-281.25(W)	15.2 +- 2.1	2
281.25-303.75(WNW)	16.5 +- 3.1	3
303.75-326.25(NW)	16.4 +- .7	2
326.25-348.75(NNW)	16.3 +- .8	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.2 +- .9	17
2-5	17.0 +- 2.1	17
>5	16.2 +- .5	3
UPWIND CONTROL DATA	18.3 +- .9	3

MAINE YANKEE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840710 113 DAYS
FIELD TIME 93 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
002	6	1.4	19.0 +- .6 ; 2.8	17.4 +- .7 ; .3
003	23	1.5	18.5 +- .6 ; .8	17.0 +- .7 ; .3
004	44	1.8	18.8 +- .6 ; .9	17.2 +- .7 ; .3
005	116	.5	19.3 +- .6 ; .9	17.7 +- .7 ; .3
006	168	1	19.3 +- .6 ; .8	17.7 +- .7 ; .3
007	185	1.6	18.5 +- .5 ; .7	16.9 +- .7 ; .2
008	195	2.3	17.8 +- .6 ; .8	16.3 +- .6 ; .1
009	209	3.8	18.6 +- .6 ; .8	17.1 +- .7 ; .2
010	310	1.7	18.4 +- .6 ; .8	16.8 +- .7 ; .2
011	290	1.8	22.7 +- .7 ; 3.4	21.0 +- .8 ; .7
012	275	1.7	19.6 +- .6 ; .9	18.0 +- .7 ; .3
013	256	1.9	18.5 +- .6 ; .8	17.0 +- .7 ; .2
014	232	2.5	20.1 +- .6 ; 3.0	18.5 +- .7 ; .4
015	227	5.3	20.0 +- .6 ; 3.0	18.4 +- .7 ; .4
016	246	4.4	20.3 +- .6 ; 3.0	18.7 +- .7 ; .4
017	250	6.6	24.1 +- .7 ; 3.6	22.4 +- .8 ; .9
018	268	4.7	20.4 +- .6 ; 3.1	18.8 +- .7 ; .4
019	283	4.4	18.9 +- .6 ; 2.8	17.3 +- .7 ; .3
020	305	4.7	18.9 +- .6 ; 3.0	17.3 +- .7 ; .3
021	300	2.9	19.7 +- .6 ; 3.0	18.1 +- .7 ; .4
022	332	2.7	21.0 +- .6 ; 3.2	19.4 +- .7 ; .5
023	20	3.9	20.3 +- .6 ; 3.0	18.7 +- .7 ; .4
024	23	3	20.4 +- .6 ; 3.1	18.7 +- .7 ; .4
025	42	4.7	19.3 +- .6 ; 2.9	17.7 +- .7 ; .3
026	60	15	17.5 +- .5 ; 2.6	15.9 +- .6 ; .1
027	62	16.	17.6 +- .5 ; 2.7	16.0 +- .6 ; .1
028	63	16.	18.2 +- .5 ; 4.1	16.7 +- .7 ; .2
029	64	2.1	27.4 +- .8 ; 3.1	25.5 +- .9 ; .7
030	84	1.5	21.0 +- .6 ; 3.1	19.3 +- .7 ; .4
031	115	1.6	19.3 +- .6 ; 2.9	17.7 +- .7 ; .3
032	135	2	18.2 +- .5 ; 2.7	16.7 +- .7 ; .2
033	66	3.5	19.2 +- .6 ; 2.9	17.6 +- .7 ; .3
034	97	4.9	20.4 +- .6 ; 3.1	18.7 +- .7 ; .4
035	123	4.8	20.8 +- .6 ; 3.1	19.1 +- .7 ; .4
036	140	4.9	20.2 +- .6 ; 3.0	18.6 +- .7 ; .4
037	151	6	20.8 +- .6 ; 3.1	19.2 +- .7 ; .4
038	152	4.2	21.3 +- .6 ; 3.2	19.6 +- .7 ; .5
039	172	4.9	19.2 +- .6 ; 2.9	17.6 +- .7 ; .4
040	156	7.4	20.1 +- .6 ; 3.0	18.5 +- .7 ; .4
TRANSIT DOSE =	1.0	+- .4 ; 1.8		

MAINE YANKEE
FOR THE PERIOD 840320-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.4 +- 0.0	1
11.25-33.75 (NNE)	18.1 +- 1.0	3
33.75-56.25 (NE)	17.5 +- .3	2
56.25-78.75 (ENE)	21.6 +- 5.6	2
78.75-101.25 (E)	19.0 +- .4	2
101.25-123.75(ESE)	18.2 +- .8	3
123.75-146.25(SE)	17.6 +- 1.3	2
146.25-168.75(SSE)	18.8 +- .8	4
168.75-191.25(S)	17.2 +- .5	2
191.25-213.75(SSW)	16.7 +- .5	2
213.75-236.25(SW)	18.4 +- .1	2
236.25-258.75(WSW)	19.3 +- 2.8	3
258.75-281.25(W)	18.4 +- .6	2
281.25-303.75(WNW)	18.8 +- 1.9	3
303.75-326.25(NW)	17.1 +- .3	2
326.25-348.75(NNW)	19.4 +- 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.7 +- 1.2	13
2-5	18.6 +- 1.9	19
>5	19.6 +- 1.9	4
UPWIND CONTROL DATA	16.2 +- .4	3

MCGUIRE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840802 137 DAYS
FIELD TIME 113 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	97	0.5	21.2 +- .6	;	3.2	14.4 +- .6	;	3.1	
002	323	1.6	23.1 +- .7	;	3.6	15.9 +- .7	;	3.3	
003	336	1.7	25.7 +- .8	;	3.9	18.0 +- .7	;	3.5	
004	303	2.9	22.8 +- .7	;	3.4	15.7 +- .7	;	3.2	
005	321	3.9	21.8 +- .7	;	3.3	14.8 +- .7	;	3.1	
006	334	3.7	22.9 +- .7	;	3.4	15.7 +- .7	;	3.2	
007	352	3.5	21.8 +- .7	;	3.3	14.8 +- .7	;	3.1	
008	287	2.0	23.7 +- .7	;	3.5	16.4 +- .7	;	3.3	
009	273	1.9	22.3 +- .7	;	3.3	15.2 +- .7	;	3.2	
010	244	1.7	22.3 +- .7	;	3.3	15.3 +- .7	;	3.2	
011	225	2.1	21.2 +- .6	;	3.2	14.4 +- .6	;	3.1	
012	212	3.6	23.8 +- .7	;	3.6	16.5 +- .7	;	3.3	
013	232	4.4	28.1 +- .8	;	4.2	19.9 +- .8	;	3.8	
014	253	3.7	25.4 +- .8	;	3.8	17.7 +- .7	;	3.5	
015	261	4.2	20.4 +- .6	;	3.1	13.7 +- .6	;	3.0	
016	288	4.3	33.0 +- 1.0	;	4.9	23.8 +- .9	;	4.3	
017	288	16.	32.4 +- 1.0	;	4.9	23.3 +- .9	;	4.2	
018	287	2.0	28.8 +- .9	;	4.3	20.4 +- .8	;	3.8	
019	286	16.	29.3 +- .9	;	4.4	20.9 +- .8	;	3.9	
020	233	17.	MISSING OR DAMAGED DOSIMETER						
021	204	10.	22.3 +- .7	;	3.3	15.3 +- .7	;	3.2	
022	239	9.5	24.4 +- .7	;	3.7	16.9 +- .7	;	3.4	
023	115	4.9	19.3 +- .6	;	2.9	12.8 +- .5	;	2.9	
024	132	4.9	19.1 +- .6	;	2.9	12.7 +- .5	;	2.9	
025	156	4.0	18.1 +- .6	;	2.7	11.9 +- .6	;	2.8	
026	175	3.7	18.4 +- .6	;	2.8	12.2 +- .6	;	2.8	
027	198	4.3	24.3 +- .7	;	3.6	16.9 +- .7	;	3.4	
028	169	12.	21.4 +- .6	;	3.2	14.6 +- .7	;	3.1	
029	155	12.	19.6 +- .6	;	2.9	13.1 +- .6	;	2.9	
030	146	13.	20.1 +- .6	;	3.0	13.5 +- .6	;	2.9	
031	143	1.9	21.1 +- .6	;	3.2	14.3 +- .6	;	3.0	
032	155	1.3	21.2 +- .6	;	3.2	14.4 +- .6	;	3.1	
033	178	1.6	20.3 +- .6	;	3.0	13.6 +- .6	;	2.9	
034	198	2.0	21.5 +- .6	;	3.2	14.6 +- .7	;	3.1	
035	93	2.2	20.2 +- .6	;	3.0	13.6 +- .6	;	2.9	
036	68	2.5	20.2 +- .6	;	3.0	13.6 +- .6	;	2.9	
037	82	4.7	21.0 +- .6	;	3.2	14.2 +- .6	;	3.0	
038	64	4.9	22.9 +- .7	;	3.4	15.8 +- .7	;	3.2	
039	42	5.0	24.7 +- .7	;	3.7	17.1 +- .7	;	3.4	
040	26	4.3	21.0 +- .6	;	3.1	14.2 +- .6	;	3.0	
041	43	2.0	19.3 +- .6	;	2.9	12.8 +- .6	;	2.9	
042	21	1.6	21.8 +- .7	;	3.3	14.9 +- .7	;	3.1	
043	8	2.6	25.5 +- .8	;	3.8	17.8 +- .7	;	3.5	
044	37/	13.	29.1 +- .9	;	4.4	20.7 +- .8	;	3.9	
045	78/	18.	33.0 +- 1.0	;	5.0	23.8 +- .9	;	4.3	
046	94/	18.	27.0 +- .8	;	4.0	19.0 +- .8	;	3.6	

TRANSIT DOSE = 3.1 +- .5 ; 2.2

MCGUIRE
FOR THE PERIOD 840319-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.3 +- 2.1	2
11.25-33.75 (NNE)	14.5 +- .5	2
33.75-56.25 (NE)	16.9 +- 3.9	3
56.25-78.75 (ENE)	17.7 +- 5.4	3
78.75-101.25 (E)	15.3 +- 2.5	4
101.25-123.75(ESE)	13.7 +- 1.2	2
123.75-146.25(SE)	13.5 +- .8	3
146.25-168.75(SSE)	13.1 +- 1.2	3
168.75-191.25(S)	13.5 +- 1.2	3
191.25-213.75(SSW)	16.2 +- .8	3
213.75-236.25(SW)	17.1 +- 3.9	2
236.25-258.75(WSW)	16.7 +- 1.3	3
258.75-281.25(W)	14.5 +- 1.1	2
281.25-303.75(WNW)	18.8 +- 4.5	3
303.75-326.25(NW)	15.4 +- .8	2
326.25-348.75(NNW)	16.8 +- 1.6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.0 +- 1.3	12
2-5	15.5 +- 2.7	22
>5	17.1 +- 3.8	8
UPWIND CONTROL DATA	21.5 +- 1.6	3

MILLSTONE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840710 110 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	0	1	18.2 +-	.5	2.7	NO NET DATA
002	24	1.3	15.6 +-	.5	2.3	NO NET DATA
003	47	1.5	19.4 +-	.6	2.9	NO NET DATA
004	60	1.7	17.3 +-	.5	2.6	NO NET DATA
005	85	1.3	19.6 +-	.6	2.9	NO NET DATA
006	110	1.8	18.2 +-	.5	2.7	NO NET DATA
007	67	5.3	18.5 +-	.6	2.8	NO NET DATA
008	49	5.3	19.6 +-	.6	2.9	NO NET DATA
009	84	5.2	18.4 +-	.6	2.8	NO NET DATA
011	232	2.5	17.8 +-	.5	2.7	NO NET DATA
012	256	2.4	19.2 +-	.6	2.9	NO NET DATA
013	274	2.2	18.8 +-	.6	2.8	NO NET DATA
014	295	1.9	19.2 +-	.6	2.9	NO NET DATA
015	315	1.5	15.8 +-	.5	2.4	NO NET DATA
016	339	1.2	19.4 +-	.6	2.9	NO NET DATA
017	353	3.8	18.7 +-	.6	2.8	NO NET DATA
018	24	3.5	19.2 +-	.6	2.9	NO NET DATA
019	33	3	20.8 +-	.6	3.1	NO NET DATA
020	82	4	17.3 +-	.5	2.6	NO NET DATA
022	59	3.7	19.9 +-	.6	3.0	NO NET DATA
028	257	5.8	20.6 +-	.6	3.1	NO NET DATA
029	272	3.7	21.1 +-	.6	3.2	NO NET DATA
030	295	3.5	19.4 +-	.6	2.9	NO NET DATA
031	317	3.6	18.9 +-	.6	2.8	NO NET DATA
032	327	4.3	21.9 +-	.7	3.3	NO NET DATA
033	41	4.7	20.7 +-	.6	3.1	NO NET DATA
034	54	5.5	19.4 +-	.6	2.9	NO NET DATA
037	354	6.8	18.5 +-	.6	2.8	NO NET DATA
039	1	5.7	19.3 +-	.6	2.9	NO NET DATA
040	278	8.7	17.6 +-	.5	2.6	NO NET DATA
041	34	11.	25.9 +-	.8	3.9	NO NET DATA
042	84	8	18.9 +-	.6	2.8	NO NET DATA
046	41	.6	19.6 +-	.6	2.9	NO NET DATA
048	4	40	23.6 +-	.7	3.5	NO NET DATA
049	4	40	24.0 +-	.7	3.6	NO NET DATA

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

MILLSTONE
FOR THE PERIOD 840323-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	15.2 +- .4	4
11.25-33.75 (NNE)	15.1 +- 2.2	3
33.75-56.25 (NE)	17.3 +- 2.1	6
56.25-78.75 (ENE)	15.2 +- 1.0	3
78.75-101.25 (E)	15.1 +- .8	4
101.25-123.75(ESE)	14.9 +- 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)	14.6 +- 0.0	1
236.25-258.75(WSW)	16.3 +- .8	2
258.75-281.25(W)	15.7 +- 1.5	3
281.25-303.75(WNW)	15.8 +- .1	2
303.75-326.25(NW)	14.2 +- 1.8	2
326.25-348.75(NNW)	16.9 +- 1.5	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	14.9 +- 1.2	10
2-5	15.9 +- 1.1	13
>5	16.1 +- 1.9	10
UPWIND CONTROL DATA	19.4 +- .2	2

MONTICELLO
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840712 114 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	133	3.6	19.9 +- .6 ; 3.0	16.2 +- .7 ; 3.5
002	163	4.6	20.8 +- .6 ; 3.1	17.1 +- .8 ; 3.6
003	183	4.1	20.4 +- .6 ; 3.1	16.7 +- .8 ; 3.6
004	206	4.3	20.9 +- .6 ; 3.1	17.2 +- .8 ; 3.6
005	230	4.2	22.1 +- .7 ; 3.3	18.4 +- .8 ; 3.6
006	253	4.6	20.5 +- .6 ; 3.1	16.8 +- .8 ; 3.6
007	269	4.4	19.0 +- .6 ; 2.8	15.3 +- .7 ; 3.4
008	286	4.0	20.8 +- .6 ; 3.1	17.1 +- .8 ; 3.6
009	274	1.9	19.1 +- .6 ; 2.9	15.4 +- .7 ; 3.4
010	244	1.3	25.7 +- .8 ; 3.9	21.9 +- .9 ; 3.8
011	226	0.9	18.7 +- .6 ; 2.8	15.0 +- .7 ; 3.4
012	181	1.8	20.1 +- .6 ; 3.0	16.4 +- .7 ; 3.5
013	137	1.7	19.4 +- .6 ; 2.9	15.7 +- .7 ; 3.4
014	155	1.0	19.7 +- .6 ; 2.9	16.0 +- .7 ; 3.4
015	208	0.5	20.6 +- .6 ; 3.1	16.9 +- .8 ; 3.6
016	284	2.0	19.1 +- .6 ; 2.9	15.4 +- .7 ; 3.4
017	113	1.6	19.9 +- .6 ; 2.9	16.2 +- .7 ; 3.4
018	85	1.1	19.2 +- .6 ; 2.9	15.5 +- .7 ; 3.4
019	63	1.2	19.6 +- .6 ; 2.9	15.9 +- .7 ; 3.4
020	37	1.7	19.9 +- .6 ; 2.9	16.2 +- .7 ; 3.4
021	23	0.8	19.4 +- .6 ; 2.9	15.7 +- .7 ; 3.4
022	354	0.7	19.6 +- .6 ; 2.9	15.9 +- .7 ; 3.4
023	338	0.8	19.8 +- .6 ; 2.9	16.1 +- .7 ; 3.4
024	307	1.8	19.2 +- .6 ; 2.9	15.5 +- .7 ; 3.4
025	339	4.1	18.6 +- .6 ; 2.8	14.9 +- .7 ; 3.4
026	320	4.6	18.6 +- .6 ; 2.8	14.9 +- .7 ; 3.4
027	354	4.5	19.0 +- .6 ; 2.8	15.3 +- .7 ; 3.4
028	17	3.7	18.6 +- .6 ; 2.8	14.9 +- .7 ; 3.4
029	50	4.0	18.9 +- .6 ; 2.8	15.2 +- .7 ; 3.4
030	77	3.6	19.7 +- .6 ; 2.9	16.0 +- .7 ; 3.4
031	115	3.3	19.5 +- .6 ; 2.9	15.8 +- .7 ; 3.4
032	90	4.6	19.7 +- .6 ; 2.9	16.0 +- .7 ; 3.4
033	323	15.	18.1 +- .6 ; 2.7	14.4 +- .7 ; 3.4
034	323	15.	18.2 +- .6 ; 2.7	14.5 +- .7 ; 3.4
035	323	15.	19.1 +- .6 ; 2.9	15.4 +- .7 ; 3.4
TRANSIT DOSE =	3.5	+- .5 ; 2.0		

MONTICELLO
FOR THE PERIOD 840321-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.6 +- .4	2
11.25-33.75 (NNE)	15.3 +- .6	2
33.75-56.25 (NE)	15.7 +- .7	2
56.25-78.75 (ENE)	15.9 +- .1	2
78.75-101.25 (E)	15.7 +- .3	2
101.25-123.75(ESE)	16.0 +- .2	2
123.75-146.25(SE)	15.8 +- .3	2
146.25-168.75(SSE)	16.5 +- .7	2
168.75-191.25(S)	16.5 +- .2	2
191.25-213.75(SSW)	17.1 +- .2	2
213.75-236.25(SW)	16.7 +- 2.4	2
236.25-258.75(WSW)	19.3 +- 3.6	2
258.75-281.25(W)	15.3 +- .1	2
281.25-303.75(WNW)	16.2 +- 1.2	2
303.75-326.25(NW)	15.2 +- .4	2
326.25-348.75(NNW)	15.5 +- .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.2 +- 1.6	16
2-5	16.1 +- 1.0	16
>5	NO DATA+-NO DATA	0
UPWIND CONTROL DATA	14.8 +- .5	3

NORTH ANNA
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840713 115 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	243	1.8	21.2 +- .6	3.2	17.6 +- .7	3.4
002	263	1.6	18.5 +- .6	2.8	15.0 +- .6	3.1
003	295	1	19.0 +- .6	2.9	15.5 +- .6	3.2
004	311	1.3	22.8 +- .7	3.4	19.2 +- .8	3.7
005	329	1.3	20.4 +- .6	3.1	16.9 +- .7	3.3
006	231	3.9	21.1 +- .6	3.2	17.5 +- .7	3.4
007	224	1.7	21.1 +- .6	3.2	17.5 +- .7	3.4
008	210	1.6	20.1 +- .6	3.0	16.5 +- .7	3.3
009	181	1.4	17.5 +- .5	2.6	14.0 +- .6	3.0
010	155	1.7	25.6 +- .8	3.9	21.9 +- .8	4.0
011	136	1.6	19.7 +- .6	3.0	16.2 +- .7	3.2
012	163	3.5	19.9 +- .6	3.0	16.3 +- .7	3.2
013	190	3.3	19.0 +- .6	2.8	15.4 +- .6	3.1
014	205	4.9	17.9 +- .5	2.7	14.4 +- .6	3.0
015	140	4.2	20.5 +- .6	3.1	16.9 +- .7	3.3
016	113	4.9	24.4 +- .7	3.7	20.7 +- .8	3.9
017	93	3.3	17.0 +- .5	2.6	13.5 +- .6	2.9
018	64	4.1	19.9 +- .6	3.0	16.4 +- .7	3.2
019	78	2.7	29.5 +- .9	4.4	25.8 +- .9	4.6
020	97	1.9	21.4 +- .6	3.2	17.8 +- .7	3.4
021	105	1.7	17.7 +- .5	2.6	14.2 +- .6	2.9
022	60	2.4	17.6 +- .5	2.6	14.1 +- .6	2.9
023	37	1.4	20.4 +- .6	3.1	16.9 +- .7	3.3
024	16	1.6	23.8 +- .7	3.6	20.1 +- .8	3.8
025	48	3.5	MISSING OR DAMAGED DOSIMETER			
026	17	3.7	20.7 +- .6	3.1	17.2 +- .7	3.4
027	3	4.8	18.2 +- .5	2.7	14.7 +- .6	3.1
028	348	4	17.8 +- .5	2.7	14.3 +- .6	3.0
029	2	1.9	17.6 +- .5	2.6	14.1 +- .6	3.0
030	284	5	18.3 +- .5	2.7	14.8 +- .6	3.1
031	310	4.7	21.3 +- .6	3.2	17.7 +- .7	3.3
032	273	4.9	15.3 +- .5	2.3	11.9 +- .5	2.5
033	257	5.1	18.1 +- .5	2.7	14.6 +- .6	3.0
034	242	7.1	20.0 +- .6	3.0	16.4 +- .7	3.3
035	255	11.	20.4 +- .6	3.1	16.9 +- .7	3.3
036	248	15.	19.2 +- .6	2.9	15.6 +- .7	3.2
037	247	17.	18.6 +- .5	2.8	15.1 +- .6	3.1
038	244	19.	17.6 +- .5	2.6	14.1 +- .6	3.0

TRANSIT DOSE = 3.2 +- .4 ; 1.5

NORTH ANNA
FOR THE PERIOD 840321-840713

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.4 +- .4	2
11.25-33.75 (NNE)	18.6 +- 2.1	2
33.75-56.25 (NE)	16.9 +- 0.0	1
56.25-78.75 (ENE)	18.7 +- 6.2	3
78.75-101.25 (E)	15.7 +- 3.0	2
101.25-123.75(ESE)	17.4 +- 4.6	2
123.75-146.25(SE)	16.5 +- .5	2
146.25-168.75(SSE)	19.1 +- 4.0	2
168.75-191.25(S)	14.7 +- 1.0	2
191.25-213.75(SSW)	15.5 +- 1.5	2
213.75-236.25(SW)	17.5 +- 0.0	2
236.25-258.75(WSW)	16.4 +- 1.3	4
258.75-281.25(W)	13.4 +- 2.2	2
281.25-303.75(WNW)	15.1 +- .5	2
303.75-326.25(NW)	18.5 +- 1.0	2
326.25-348.75(NNW)	15.6 +- 1.8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.9 +- 2.3	15
2-5	16.4 +- 3.3	16
>5	16.0 +- 1.2	3
UPWIND CONTROL DATA	14.9 +- .8	3

OCONEE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840719 120 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	158	7.5	22.7 +- .7 ; 3.4	NO NET DATA
002	133	4.9	26.5 +- .8 ; 4.0	NO NET DATA
003	119	4.3	24.0 +- .7 ; 3.6	NO NET DATA
004	84	4.7	24.0 +- .7 ; 3.6	NO NET DATA
005	65	4.0	24.0 +- .7 ; 3.6	NO NET DATA
006	52	1.8	24.8 +- .7 ; 3.7	NO NET DATA
007	22	3.5	25.2 +- .8 ; 3.8	NO NET DATA
008	33	1.4	24.9 +- .7 ; 3.7	NO NET DATA
009	52	1.8	MISSING OR DAMAGED DOSIMETER	
010	66	1.2	15.3 +- .5 ; 2.3	NO NET DATA
011	107	1.9	18.8 +- .6 ; 2.8	NO NET DATA
012	87	1.0	23.0 +- .7 ; 3.5	NO NET DATA
013	142	0.7	23.1 +- .7 ; 3.5	NO NET DATA
014	166	0.7	MISSING OR DAMAGED DOSIMETER	
015	225	1.7	21.0 +- .6 ; 3.2	NO NET DATA
016	207	1.4	21.5 +- .6 ; 3.2	NO NET DATA
017	182	2.2	18.8 +- .6 ; 2.8	NO NET DATA
018	186	3.8	18.9 +- .6 ; 2.8	NO NET DATA
019	155	4.1	24.1 +- .7 ; 3.6	NO NET DATA
020	203	8.4	17.8 +- .5 ; 2.7	NO NET DATA
021	210	4.6	20.8 +- .6 ; 3.1	NO NET DATA
022	227	4.8	21.6 +- .6 ; 3.2	NO NET DATA
023	240	3.6	21.4 +- .6 ; 3.2	NO NET DATA
024	268	3.6	24.7 +- .7 ; 3.7	NO NET DATA
025	257	1.9	MISSING OR DAMAGED DOSIMETER	
026	293	3.6	20.0 +- .6 ; 3.0	NO NET DATA
027	311	3.5	18.5 +- .6 ; 2.8	NO NET DATA
028	288	2.0	18.4 +- .6 ; 2.8	NO NET DATA
029	275	1.8	18.9 +- .6 ; 2.8	NO NET DATA
030	321	1.8	20.9 +- .6 ; 3.1	NO NET DATA
031	344	2.0	17.3 +- .5 ; 2.6	NO NET DATA
032	336	3.7	25.9 +- .8 ; 3.9	NO NET DATA
033	358	4.5	MISSING OR DAMAGED DOSIMETER	
034	256	9.6	27.5 +- .8 ; 4.1	NO NET DATA
035	149	21.	22.6 +- .7 ; 3.4	NO NET DATA
036	126	8.2	23.5 +- .7 ; 3.5	NO NET DATA
037	96	9.7	24.6 +- .7 ; 3.7	NO NET DATA
038	32/	15.	29.7 +- .9 ; 4.4	NO NET DATA
039	31/	15.	25.1 +- .8 ; 3.8	NO NET DATA
040	29/	15.	27.0 +- .8 ; 4.0	NO NET DATA

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

OCONEE
FOR THE PERIOD 840322-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	18.8 +- .1	2
33.75-56.25 (NE)	18.6 +- 0.0	1
56.25-78.75 (ENE)	14.7 +- 4	2
78.75-101.25 (E)	17.9 +- .6	3
101.25-123.75(ESE)	16.1 +- 2.8	2
123.75-146.25(SE)	18.3 +- 1.4	3
146.25-168.75(SSE)	17.3 +- .6	3
168.75-191.25(S)	14.1 +- .0	2
191.25-213.75(SSW)	15.0 +- 1.5	3
213.75-236.25(SW)	16.0 +- .3	2
236.25-258.75(WSW)	18.3 +- 3.2	2
258.75-281.25(W)	16.3 +- 3.0	2
281.25-303.75(WNW)	14.4 +- .8	2
303.75-326.25(NW)	14.8 +- 1.3	2
326.25-348.75(NNW)	16.2 +- 4.5	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.5 +- 2.3	12
2-5	16.9 +- 2.0	15
>5	17.3 +- 2.4	6
UPWIND CONTROL DATA	20.4 +- 1.7	3

OYSTER CREEK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 841214-840412 120 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	141	.5	14.5 +- .4 ; 2.2	10.6 +- .6 ; 2.7
002	120	.9	MISSING OR DAMAGED DOSIMETER	
003	105	1.5	MISSING OR DAMAGED DOSIMETER	
004	127	1.5	14.8 +- .4 ; 2.2	10.9 +- .6 ; 2.8
005	137	1.3	14.3 +- .4 ; 2.1	10.4 +- .6 ; 2.7
006	158	1.2	14.9 +- .4 ; 2.2	11.0 +- .6 ; 2.8
007	176	2.2	15.5 +- .5 ; 2.3	11.5 +- .6 ; 2.9
008	179	1.6	14.8 +- .4 ; 2.2	10.9 +- .6 ; 2.8
009	159	2.8	13.6 +- .4 ; 2.0	9.7 +- .6 ; 2.6
010	187	8.4	13.9 +- .4 ; 2.1	10.1 +- .6 ; 2.7
011	173	4.4	15.4 +- .5 ; 2.3	11.4 +- .6 ; 2.8
012	196	4.2	MISSING OR DAMAGED DOSIMETER	
013	198	8.6	13.8 +- .4 ; 2.1	10.0 +- .6 ; 2.7
014	185	10.	MISSING OR DAMAGED DOSIMETER	
015	171	10.	14.8 +- .4 ; 2.2	10.9 +- .6 ; 2.8
016	154	8.2	13.9 +- .4 ; 2.1	10.1 +- .6 ; 2.7
017	126	6.3	MISSING OR DAMAGED DOSIMETER	
018	220	4.6	13.9 +- .4 ; 2.1	10.1 +- .6 ; 2.7
019	231	5.3	14.1 +- .4 ; 2.1	10.2 +- .6 ; 2.7
020	211	1.6	13.3 +- .4 ; 2.0	9.5 +- .6 ; 2.6
022	258	1.5	13.6 +- .4 ; 2.0	9.7 +- .6 ; 2.6
023	271	1.2	14.7 +- .4 ; 2.2	10.8 +- .6 ; 2.8
024	297	1.3	15.3 +- .5 ; 2.3	11.4 +- .6 ; 2.8
025	318	1.5	15.0 +- .5 ; 2.3	11.1 +- .6 ; 2.8
026	341	3.2	MISSING OR DAMAGED DOSIMETER	
027	330	4.6	15.6 +- .5 ; 2.3	11.6 +- .6 ; 2.9
028	358	3.2	14.5 +- .4 ; 2.2	10.6 +- .6 ; 2.7
029	4	1.8	14.4 +- .4 ; 2.2	10.5 +- .6 ; 2.7
030	19	.8	MISSING OR DAMAGED DOSIMETER	
031	69	1.4	14.2 +- .4 ; 2.1	10.3 +- .6 ; 2.7
032	78	2.5	MISSING OR DAMAGED DOSIMETER	
033	85	2.2	13.3 +- .4 ; 2.0	9.5 +- .6 ; 2.6
034	38	1.7	14.3 +- .4 ; 2.1	10.4 +- .6 ; 2.7
035	24	1.9	15.7 +- .5 ; 2.4	11.8 +- .6 ; 2.9
036	50	3	MISSING OR DAMAGED DOSIMETER	
037	46	4.8	MISSING OR DAMAGED DOSIMETER	
038	27	4	14.8 +- .4 ; 2.2	10.9 +- .6 ; 2.8
039	12	8.9	14.6 +- .4 ; 2.2	10.7 +- .6 ; 2.8
040	10	8.7	14.7 +- .4 ; 2.2	10.8 +- .6 ; 2.8
041	3	9.9	14.6 +- .4 ; 2.2	10.7 +- .6 ; 2.8
042	38	10.	MISSING OR DAMAGED DOSIMETER	
043	46	9.1	17.2 +- .5 ; 2.6	13.2 +- .6 ; 3.0
044	73	6.5	13.9 +- .4 ; 2.1	10.1 +- .6 ; 2.7
045	79	6	14.7 +- .4 ; 2.2	10.8 +- .6 ; 2.8
046	278	20.	15.3 +- .5 ; 2.3	11.4 +- .6 ; 2.8
047	278	20.	15.5 +- .5 ; 2.3	11.6 +- .6 ; 2.9
TRANSIT DOSE =	3.3 +-	.4 ; 1.9		

OYSTER CREEK
FOR THE PERIOD 841214-840412

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	10.7 +- .1	4
11.25-33.75 (NNE)	11.1 +- .6	3
33.75-56.25 (NE)	11.8 +- 1.9	2
56.25-78.75 (ENE)	10.2 +- .2	2
78.75-101.25 (E)	10.1 +- .9	2
101.25-123.75(ESE)	NO DATA+-NO DATA	0
123.75-146.25(SE)	10.6 +- .2	3
146.25-168.75(SSE)	10.2 +- .6	3
168.75-191.25(S)	11.0 +- .6	5
191.25-213.75(SSW)	9.7 +- .3	2
213.75-236.25(SW)	10.1 +- .1	2
236.25-258.75(WSW)	9.7 +- 0.0	1
258.75-281.25(W)	10.8 +- 0.0	1
281.25-303.75(WNW)	11.4 +- 0.0	1
303.75-326.25(NW)	11.1 +- 0.0	1
326.25-348.75(NNW)	11.6 +- 0.0	1

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	10.7 +- .6	14
2-5	10.7 +- .8	8
>5	10.7 +- .9	11
UPWIND CONTROL DATA	11.5 +- .1	2

PALISADES
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840720 123 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	195	4.9	18.9 +- .6 ; 2.8	NO NET DATA
002	173	4.6	18.8 +- .6 ; 2.8	NO NET DATA
003	156	3.9	20.0 +- .6 ; 3.0	NO NET DATA
004	132	4.6	19.2 +- .6 ; 2.9	NO NET DATA
005	118	3.3	19.5 +- .6 ; 2.9	NO NET DATA
006	152	1.8	19.0 +- .6 ; 2.8	NO NET DATA
007	196	2.2	17.9 +- .5 ; 2.7	NO NET DATA
008	178	1.6	18.0 +- .5 ; 2.7	NO NET DATA
009	200	0.9	18.6 +- .6 ; 2.8	NO NET DATA
010	124	1.8	19.8 +- .6 ; 3.0	NO NET DATA
011	107	1.6	19.7 +- .6 ; 3.0	NO NET DATA
012	90	1.5	17.3 +- .5 ; 2.6	NO NET DATA
013	65	1.7	19.8 +- .6 ; 3.0	NO NET DATA
014	51	1.9	18.6 +- .6 ; 2.8	NO NET DATA
015	74	3.7	19.2 +- .6 ; 2.9	NO NET DATA
016	90	3.6	17.5 +- .5 ; 2.6	NO NET DATA
017	98/	10.	19.8 +- .6 ; 3.0	NO NET DATA
018	47	4.5	19.6 +- .6 ; 2.9	NO NET DATA
019	23	1.5	18.4 +- .6 ; 2.8	NO NET DATA
020	32	4.8	20.4 +- .6 ; 3.1	NO NET DATA
021	29	7.0	20.9 +- .6 ; 3.1	NO NET DATA
022	99/	15.	18.9 +- .6 ; 2.8	NO NET DATA
023	98/	18.	20.3 +- .6 ; 3.0	NO NET DATA
024	98/	18.	19.9 +- .6 ; 3.0	NO NET DATA

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

PALISADES
FOR THE PERIOD 840320-840720

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	NO DATA+-NO DATA	0
11.25-33.75 (NNE)	14.5 +- 1.0	3
33.75-56.25 (NE)	14.0 +- .5	2
56.25-78.75 (ENE)	14.3 +- .3	2
78.75-101.25 (E)	13.3 +- 1.0	3
101.25-123.75(ESE)	14.3 +- .1	2
123.75-146.25(SE)	14.3 +- .3	2
146.25-168.75(SSE)	14.2 +- .5	2
168.75-191.25(S)	13.4 +- .4	2
191.25-213.75(SSW)	13.5 +- .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	AVER.EXPOSURE RATE (mR/Std.Qtr.) + Std.Dev.	# IN GROUP
0-2	13.7 +- .6	9
2-5	14.0 +- .7	10
>5	14.9 +- .5	2
UPWIND CONTROL DATA	14.4 +- .5	3

PALO VERDE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840719 122 DAYS
FIELD TIME 88 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.		
001	74	23.	22.7 +-	.7	3.4	19.5 +-	.8	4.0
002	92	21.	24.1 +-	.7	3.6	20.9 +-	.9	4.2
003	89	15.	22.3 +-	.7	3.3	19.0 +-	.8	3.9
004	103	11.	21.6 +-	.6	3.2	18.3 +-	.8	3.9
005	140	7.4	23.9 +-	.7	3.6	20.7 +-	.9	4.2
006	142	3.1	22.4 +-	.7	3.4	19.2 +-	.8	4.0
007	162	2.6	23.5 +-	.7	3.5	20.3 +-	.9	4.1
008	168	2.6	21.8 +-	.7	3.3	18.6 +-	.8	3.9
009	193	2.6	24.2 +-	.7	3.6	21.0 +-	.9	4.2
010	215	3.1	24.5 +-	.7	3.7	21.3 +-	.9	4.2
011	200	1.7	24.2 +-	.7	3.6	21.0 +-	.9	4.2
012	214	1.6	23.6 +-	.7	3.5	20.4 +-	.9	4.1
013	242	0.7	24.9 +-	.7	3.7	21.7 +-	.9	4.3
014	263	0.6	24.5 +-	.7	3.7	21.3 +-	.9	4.2
015	295	0.6	23.1 +-	.7	3.5	19.8 +-	.8	4.1
016	325	1.0	24.2 +-	.7	3.6	21.0 +-	.9	4.2
017	347	1.8	25.3 +-	.8	3.8	22.1 +-	.9	4.4
018	0	2.4	25.2 +-	.8	3.8	22.0 +-	.9	4.3
019	18	1.5	23.0 +-	.7	3.5	19.8 +-	.8	4.0
020	37	2.0	23.0 +-	.7	3.5	19.8 +-	.8	4.0
021	58	2.3	25.2 +-	.8	3.8	22.0 +-	.9	4.3
022	75	2.8	24.2 +-	.7	3.6	21.0 +-	.9	4.2
023	93	4.4	23.0 +-	.7	3.4	19.7 +-	.8	4.0
024	101	3.3	22.8 +-	.7	3.4	19.6 +-	.8	4.0
025	346	2.9	24.1 +-	.7	3.6	20.9 +-	.9	4.2
026	334	4.3	25.8 +-	.8	3.9	22.5 +-	.9	4.4
027	333	7.9	25.3 +-	.8	3.8	22.1 +-	.9	4.4
028	0	7.0	25.4 +-	.8	3.8	22.2 +-	.9	4.4
029	9	4.2	25.5 +-	.8	3.8	22.3 +-	.9	4.4
030	27	3.6	25.5 +-	.8	3.8	22.3 +-	.9	4.4
031	49	3.5	25.7 +-	.8	3.9	22.6 +-	.9	4.4
032	120	3.3	25.5 +-	.8	3.8	22.3 +-	.9	4.4

TRANSIT DOSE = 3.6 +- .4 ; 1.9

PALO VERDE
FOR THE PERIOD 840320-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	22.2 +- .2	3
11.25-33.75 (NNE)	21.0 +- 1.8	2
33.75-56.25 (NE)	21.2 +- 2.0	2
56.25-78.75 (ENE)	21.5 +- .7	2
78.75-101.25 (E)	19.7 +- .1	2
101.25-123.75(ESE)	20.3 +- 2.9	2
123.75-146.25(SE)	19.9 +- 1.0	2
146.25-168.75(SSE)	19.4 +- 1.2	2
168.75-191.25(S)	NO DATA+-NO DATA	0
191.25-213.75(SSW)	21.0 +- .0	2
213.75-236.25(SW)	20.8 +- .7	2
236.25-258.75(WSW)	21.7 +- 0.0	1
258.75-281.25(W)	21.3 +- 0.0	1
281.25-303.75(WNW)	19.8 +- 0.0	1
303.75-326.25(NW)	21.0 +- 0.0	1
326.25-348.75(NNW)	21.9 +- .7	4

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	20.8 +- .9	9
2-5	21.1 +- 1.3	16
>5	20.8 +- 1.8	4
UPWIND CONTROL DATA	19.8 +- 1.0	3

PEACH BOTTOM
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840705 108 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	329	10.	15.7 +- .5	;	2.5	13.0 +- .6	;	3.0	
002	31	10.	17.8 +- .5	;	2.7	14.1 +- .7	;	3.1	
003	22	4.7	19.0 +- .6	;	2.9	15.3 +- .7	;	3.3	
004	4	5	18.1 +- .5	;	2.7	14.4 +- .7	;	3.2	
005	345	4.1	17.9 +- .5	;	2.7	14.2 +- .7	;	3.1	
006	9	2.2	19.1 +- .6	;	2.9	15.4 +- .7	;	3.3	
007	22	2.5	18.9 +- .6	;	2.8	15.1 +- .7	;	3.3	
008	55	2.9	20.0 +- .6	;	3.0	16.3 +- .7	;	3.4	
009	45	2.2	18.8 +- .6	;	2.8	15.1 +- .7	;	3.3	
010	63	1.7	19.2 +- .6	;	2.9	15.4 +- .7	;	3.3	
011	97	2	20.4 +- .6	;	3.1	16.6 +- .7	;	3.5	
012	107	2.3	16.0 +- .5	;	2.4	12.4 +- .6	;	2.9	
013	72	5	16.6 +- .5	;	2.5	12.9 +- .6	;	2.8	
014	86	4.6	19.2 +- .6	;	2.9	15.4 +- .7	;	3.3	
015	110	4.3	20.4 +- .6	;	3.1	16.7 +- .7	;	3.5	
016	130	4.7	15.1 +- .5	;	2.3	11.4 +- .6	;	2.7	
017	158	9	16.0 +- .5	;	2.4	12.4 +- .6	;	2.9	
018	163	4.6	17.4 +- .5	;	2.6	13.7 +- .7	;	3.1	
019	184	3.9	20.5 +- .6	;	3.1	16.8 +- .7	;	3.5	
020	203	4.9	19.2 +- .6	;	2.9	15.4 +- .7	;	3.3	
021	197	2.3	20.1 +- .6	;	3.0	16.3 +- .7	;	3.4	
022	183	1.7	18.9 +- .6	;	2.8	15.1 +- .7	;	3.3	
023	190	1.8	22.3 +- .7	;	3.3	18.5 +- .8	;	3.7	
024	222	1.8	21.8 +- .7	;	3.3	18.0 +- .8	;	3.6	
025	248	1.7	20.3 +- .6	;	3.0	16.5 +- .7	;	3.4	
026	268	1.8	20.2 +- .6	;	3.0	16.4 +- .7	;	3.4	
027	288	1.9	19.1 +- .6	;	2.9	15.3 +- .7	;	3.3	
028	323	1.8	17.3 +- .5	;	2.6	13.6 +- .7	;	3.1	
029	286	3.6	22.2 +- .7	;	3.3	18.4 +- .8	;	3.7	
030	264	4	19.3 +- .6	;	2.9	15.6 +- .7	;	3.3	
031	262	9.9	21.6 +- .6	;	3.2	17.8 +- .8	;	3.6	
032	248	3.2	20.3 +- .6	;	3.0	16.5 +- .7	;	3.4	
033	235	9.4	15.0 +- .5	;	2.3	11.4 +- .6	;	2.8	
034	319	4.9	MISSING OR DAMAGED DOSIMETER						
035	151	.7	19.7 +- .6	;	3.0	16.0 +- .7	;	3.4	
036	148	16.	14.3 +- .4	;	2.1	10.6 +- .6	;	2.7	
037	148	16.	15.6 +- .5	;	2.3	12.0 +- .6	;	2.9	
038	148	16.	15.7 +- .5	;	2.3	12.0 +- .6	;	2.9	

TRANSIT DOSE = 3.4 +- .4 ; 1.8

PEACH BOTTOM
FOR THE PERIOD 840320-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.8 +- .7	2
11.25-33.75 (NNE)	14.8 +- .7	3
33.75-56.25 (NE)	15.7 +- .8	2
56.25-78.75 (ENE)	14.2 +- 1.8	2
78.75-101.25 (E)	16.0 +- .8	2
101.25-123.75(ESE)	14.5 +- 3.0	2
123.75-146.25(SE)	11.4 +- 0.0	1
146.25-168.75(SSE)	14.0 +- 1.8	3
168.75-191.25(S)	16.8 +- 1.7	3
191.25-213.75(SSW)	15.9 +- .6	2
213.75-236.25(SW)	14.7 +- 4.7	2
236.25-258.75(WSW)	16.5 +- 0.0	2
258.75-281.25(W)	16.6 +- 1.1	3
281.25-303.75(WNW)	16.9 +- 2.2	2
303.75-326.25(NW)	13.6 +- 0.0	1
326.25-348.75(NNW)	13.6 +- .8	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.1 +- 1.4	11
2-5	15.1 +- 1.7	18
>5	13.7 +- 2.5	5
UPWIND CONTROL DATA	11.5 +- .8	3

PERRY
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840802 136 DAYS
FIELD TIME 100 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.		
001	72	5.0	21.1 +-	.6 ;	3.2	15.1 +-	.7 ;	3.3
003	88	5.5	20.7 +-	.6 ;	3.1	14.7 +-	.7 ;	3.3
004	112	6.0	22.6 +-	.7 ;	3.4	16.4 +-	.7 ;	3.5
005	130	4.0	22.9 +-	.7 ;	3.4	16.6 +-	.7 ;	3.5
006	155	5.0	24.6 +-	.7 ;	3.7	18.2 +-	.8 ;	3.7
007	178	5.2	24.1 +-	.7 ;	3.6	17.7 +-	.8 ;	3.7
008	205	4.6	23.0 +-	.7 ;	3.5	16.8 +-	.7 ;	3.6
009	220	5.2	20.7 +-	.6 ;	3.1	14.7 +-	.7 ;	3.3
010	225	7.4	23.9 +-	.7 ;	3.6	17.6 +-	.8 ;	3.7
011	240	5.8	23.1 +-	.7 ;	3.5	16.9 +-	.7 ;	3.6
012	225	19.	21.9 +-	.7 ;	3.3	15.7 +-	.7 ;	3.4
013	225	19.	20.0 +-	.6 ;	3.0	14.0 +-	.7 ;	3.2
014	212	12.	27.8 +-	.8 ;	4.2	21.1 +-	.8 ;	4.1
015	248	1.4	22.0 +-	.7 ;	3.3	15.9 +-	.7 ;	3.4
016	225	0.8	19.4 +-	.6 ;	2.9	13.5 +-	.7 ;	3.1
017	205	0.7	18.1 +-	.5 ;	2.7	12.3 +-	.6 ;	3.0
018	180	0.8	20.4 +-	.6 ;	3.1	14.4 +-	.7 ;	3.2
019	152	1.8	22.1 +-	.7 ;	3.3	16.0 +-	.7 ;	3.4
020	123	1.6	20.3 +-	.6 ;	3.0	14.4 +-	.7 ;	3.2
021	105	1.4	19.7 +-	.6 ;	2.9	13.8 +-	.7 ;	3.2
022	85	1.2	24.8 +-	.7 ;	3.7	18.4 +-	.8 ;	3.8
023	65	1.4	19.0 +-	.6 ;	2.8	13.1 +-	.6 ;	3.1
024	40	0.6	20.2 +-	.6 ;	3.0	14.2 +-	.7 ;	3.2
025	40	0.6	26.1 +-	.8 ;	3.9	19.6 +-	.8 ;	3.9
026	182	2.8	26.1 +-	.8 ;	3.9	19.5 +-	.8 ;	3.9
027	175	2.8	19.1 +-	.6 ;	2.9	13.3 +-	.7 ;	3.1

TRANSIT DOSE = 4.4 +- .4 ; 1.9

PERRY
FOR THE PERIOD 840320-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	16.9 +- 3.8	2
56.25-78.75 (ENE)	14.1 +- 1.4	2
78.75-101.25 (E)	16.5 +- 2.6	2
101.25-123.75(ESE)	14.8 +- 1.4	3
123.75-146.25(SE)	16.6 +- 0.0	1
146.25-168.75(SSE)	17.1 +- 1.6	2
168.75-191.25(S)	16.2 +- 2.9	4
191.25-213.75(SSW)	14.6 +- 3.2	2
213.75-236.25(SW)	15.3 +- 2.1	3
236.25-258.75(WSW)	16.4 +- .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	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.1 +- 2.2	11
2-5	16.6 +- 2.2	6
>5	16.3 +- 1.4	6
UPWIND CONTROL DATA	16.9 +- 3.7	3

PILGRIM
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840802 130 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 .1	76.6 +- 2.3 ; 11.5	68.9 +- 2.3 ; 11.6
002	310 .2	29.7 +- .9 ; 4.4	22.9 +- 1.1 ; 5.2
005	289 .7	24.3 +- .7 ; 3.6	17.7 +- 1.0 ; 4.5
006	261 1.7	22.6 +- .7 ; 3.4	16.0 +- .9 ; 4.3
007	270 .5	MISSING OR DAMAGED DOSIMETER	
008	247 .3	23.5 +- .7 ; 3.5	16.9 +- .9 ; 4.4
009	224 .3	24.4 +- .7 ; 3.7	17.8 +- 1.0 ; 4.5
010	205 .3	25.5 +- .8 ; 3.8	18.9 +- 1.0 ; 4.7
011	184 0.3	27.3 +- .8 ; 4.1	20.6 +- 1.0 ; 4.9
012	159 .4	22.5 +- .7 ; 3.4	15.9 +- .9 ; 4.3
013	146 .7	20.8 +- .6 ; 3.1	14.2 +- .9 ; 4.1
014	155 1	22.9 +- .7 ; 3.4	16.3 +- .9 ; 4.4
016	136 1.3	21.7 +- .7 ; 3.3	15.1 +- .9 ; 4.2
018	212 .8	20.6 +- .6 ; 3.1	14.0 +- .9 ; 4.1
019	232 1	20.1 +- .6 ; 3.0	13.6 +- .9 ; 4.1
021	256 1.6	22.5 +- .7 ; 3.4	15.9 +- .9 ; 4.3
022	130 2.5	21.5 +- .6 ; 3.2	14.9 +- .9 ; 4.2
023	146 3.4	MISSING OR DAMAGED DOSIMETER	
025	168 1.5	20.3 +- .6 ; 3.0	13.7 +- .9 ; 4.1
026	180 1.3	19.7 +- .6 ; 2.9	13.1 +- .9 ; 4.0
027	231 1.8	20.9 +- .6 ; 3.1	14.4 +- .9 ; 4.2
030	153 2.2	23.4 +- .7 ; 3.5	16.8 +- .9 ; 4.4
031	179 2.5	21.2 +- .6 ; 3.2	14.6 +- .9 ; 4.2
032	217 2.8	21.4 +- .6 ; 3.2	14.9 +- .9 ; 4.2
033	234 2.5	21.5 +- .6 ; 3.2	14.9 +- .9 ; 4.2
037	264 4.2	21.4 +- .6 ; 3.2	14.9 +- .9 ; 4.2
038	152 3.5	20.0 +- .6 ; 3.0	13.4 +- .9 ; 4.0
039	155 5.3	19.6 +- .6 ; 2.9	13.0 +- .9 ; 4.0
040	272 4.6	23.2 +- .7 ; 3.5	16.6 +- .9 ; 4.4
042	281 4.6	20.0 +- .6 ; 3.0	13.5 +- .9 ; 4.1
043	291 5.8	22.7 +- .7 ; 3.4	16.1 +- .9 ; 4.3
047	301 26.	21.9 +- .7 ; 3.3	15.3 +- .9 ; 4.3
048	301 26.	22.8 +- .7 ; 3.4	16.2 +- .9 ; 4.4
049	301 26.	22.0 +- .7 ; 3.3	15.4 +- .9 ; 4.3
TRANSIT DOSE =	6.2 +- .7 ; 2.9		

COMMENTS:

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

PILGRIM
FOR THE PERIOD 840326-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	14.8 +- .5	3
146.25-168.75(SSE)	14.9 +- 1.6	6
168.75-191.25(S)	16.1 +- 3.9	3
191.25-213.75(SSW)	16.4 +- 3.4	2
213.75-236.25(SW)	15.1 +- 1.6	5
236.25-258.75(WSW)	16.4 +- .7	2
258.75-281.25(W)	15.2 +- 1.4	4
281.25-303.75(WNW)	34.2 +- 30.0	3
303.75-326.25(NW)	22.9 +- 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.) +-Std.Dev.	# IN GROUP
0-2	19.2 +- 12.7	18
2-5	14.9 +- 1.2	9
>5	14.6 +- 2.1	2
UPWIND CONTROL DATA	15.7 +- .5	3

PRAIRIE ISLAND
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840712 114 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	312	17.	MISSING OR DAMAGED DOSIMETER	
002	310	15.	MISSING OR DAMAGED DOSIMETER	
003	310	15.	MISSING OR DAMAGED DOSIMETER	
004	308	5.5	MISSING OR DAMAGED DOSIMETER	
005	297	4.1	MISSING OR DAMAGED DOSIMETER	
006	287	1.3	MISSING OR DAMAGED DOSIMETER	
007	313	0.8	MISSING OR DAMAGED DOSIMETER	
008	244	0.5	MISSING OR DAMAGED DOSIMETER	
009	194	0.6	MISSING OR DAMAGED DOSIMETER	
010	155	0.5	MISSING OR DAMAGED DOSIMETER	
011	129	1.6	MISSING OR DAMAGED DOSIMETER	
012	153	1.4	MISSING OR DAMAGED DOSIMETER	
013	217	0.6	MISSING OR DAMAGED DOSIMETER	
014	178	0.8	MISSING OR DAMAGED DOSIMETER	
015	272	1.9	MISSING OR DAMAGED DOSIMETER	
016	262	4.6	MISSING OR DAMAGED DOSIMETER	
017	250	4.3	MISSING OR DAMAGED DOSIMETER	
018	225	4.1	MISSING OR DAMAGED DOSIMETER	
019	233	6.7	MISSING OR DAMAGED DOSIMETER	
020	200	4.9	MISSING OR DAMAGED DOSIMETER	
021	187	4.7	MISSING OR DAMAGED DOSIMETER	
022	160	4.4	MISSING OR DAMAGED DOSIMETER	
023	140	4.7	MISSING OR DAMAGED DOSIMETER	
024	131	6.6	MISSING OR DAMAGED DOSIMETER	
025	117	4.9	MISSING OR DAMAGED DOSIMETER	
026	88	1.9	MISSING OR DAMAGED DOSIMETER	
027	69	1.8	MISSING OR DAMAGED DOSIMETER	
028	47	1.6	MISSING OR DAMAGED DOSIMETER	
029	19	1.5	MISSING OR DAMAGED DOSIMETER	
030	356	1.9	MISSING OR DAMAGED DOSIMETER	
031	346	2.4	MISSING OR DAMAGED DOSIMETER	
032	340	3.8	MISSING OR DAMAGED DOSIMETER	
033	9	4.6	MISSING OR DAMAGED DOSIMETER	
034	17	4.7	MISSING OR DAMAGED DOSIMETER	
035	45	11.	MISSING OR DAMAGED DOSIMETER	
036	48	4.7	MISSING OR DAMAGED DOSIMETER	
037	61	4.2	MISSING OR DAMAGED DOSIMETER	
038	86	4.9	MISSING OR DAMAGED DOSIMETER	
039	107	9.1	MISSING OR DAMAGED DOSIMETER	
040	111	3.7	MISSING OR DAMAGED DOSIMETER	

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

PRAIRIE ISLAND
FOR THE PERIOD 840321-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	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.) +-Std.Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	NO DATA+-NO DATA	0
>5	NO DATA+-NO DATA	0
UPWIND CONTROL DATA	NO DATA	NO DATA

QUAD CITIES
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840813 148 DAYS
FIELD TIME 135 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	7	0.7	20.9 +- .6 ; 3.1	NO NET DATA
002	17	1.2	24.0 +- .7 ; 3.6	NO NET DATA
003	45	1.7	18.7 +- .6 ; 2.8	NO NET DATA
004	65	1.1	20.8 +- .6 ; 3.1	NO NET DATA
005	90	0.8	20.7 +- .6 ; 3.1	NO NET DATA
006	136	1.1	22.5 +- .7 ; 3.4	NO NET DATA
007	175	1.8	22.5 +- .7 ; 3.4	NO NET DATA
008	157	2.0	23.1 +- .7 ; 3.5	NO NET DATA
009	186	3.1	MISSING OR DAMAGED DOSIMETER	
010	188	7.7	MISSING OR DAMAGED DOSIMETER	
011	156	4.2	22.7 +- .7 ; 3.4	NO NET DATA
012	142	4.8	22.6 +- .7 ; 3.4	NO NET DATA
013	121	3.3	21.3 +- .6 ; 3.2	NO NET DATA
014	114	2.0	20.5 +- .6 ; 3.1	NO NET DATA
015	86	2.8	23.8 +- .7 ; 3.6	NO NET DATA
016	62	4.4	24.8 +- .7 ; 3.7	NO NET DATA
017	48	6.1	22.8 +- .7 ; 3.4	NO NET DATA
018	39	8.8	20.6 +- .6 ; 3.1	NO NET DATA
019	36	4.7	19.8 +- .6 ; 3.0	NO NET DATA
020	16	4.3	22.3 +- .7 ; 3.3	NO NET DATA
021	358	4.2	28.0 +- .8 ; 4.2	NO NET DATA
022	336	4.1	25.9 +- .8 ; 3.9	NO NET DATA
023	337	5.7	22.9 +- .7 ; 3.4	NO NET DATA
024	317	4.4	50.9 +- 1.5 ; 7.6	NO NET DATA
025	295	4.1	22.0 +- .7 ; 3.3	NO NET DATA
026	282	6.9	18.2 +- .5 ; 2.7	NO NET DATA
027	265	4.3	22.6 +- .7 ; 3.4	NO NET DATA
028	253	4.0	21.5 +- .6 ; 3.2	NO NET DATA
029	356	2.8	22.7 +- .7 ; 3.4	NO NET DATA
030	335	1.9	22.4 +- .7 ; 3.4	NO NET DATA
031	317	2.6	22.4 +- .7 ; 3.4	NO NET DATA
032	295	2.5	MISSING OR DAMAGED DOSIMETER	
033	266	2.0	19.2 +- .6 ; 2.9	NO NET DATA
034	248	2.2	21.6 +- .6 ; 3.2	NO NET DATA
035	229	2.6	19.4 +- .6 ; 2.9	NO NET DATA
036	204	3.4	24.9 +- .7 ; 3.7	NO NET DATA
037	194	8.3	20.2 +- .6 ; 3.0	NO NET DATA
038	224	4.6	22.5 +- .7 ; 3.4	NO NET DATA
039	301	15.	19.5 +- .6 ; 2.9	NO NET DATA
040	301	15.	20.0 +- .6 ; 3.0	NO NET DATA
041	301	15.	19.6 +- .6 ; 2.9	NO NET DATA

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

QUAD CITIES
FOR THE PERIOD 840319-840813

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.5 +- 2.2	3
11.25-33.75 (NNE)	14.1 +- .7	2
33.75-56.25 (NE)	12.5 +- 1.1	4
56.25-78.75 (ENE)	13.8 +- 1.7	2
78.75-101.25 (E)	13.5 +- 1.3	2
101.25-123.75(ESE)	12.7 +- .3	2
123.75-146.25(SE)	13.7 +- .0	2
146.25-168.75(SSE)	13.9 +- .2	2
168.75-191.25(S)	13.7 +- 0.0	1
191.25-213.75(SSW)	13.7 +- 2.0	2
213.75-236.25(SW)	12.7 +- 1.3	2
236.25-258.75(WSW)	13.1 +- .1	2
258.75-281.25(W)	12.7 +- 1.5	2
281.25-303.75(WNW)	12.2 +- 1.6	2
303.75-326.25(NW)	22.3 +- 12.3	2
326.25-348.75(NNW)	14.4 +- 1.2	3

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.0 +- 1.0	11
2-5	14.8 +- 4.1	19
>5	12.7 +- 1.2	5
UPWIND CONTROL DATA	12.0 +- .2	3

RANCHO SECO
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840731 134 DAYS
FIELD TIME 101 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.			NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.			
001	288	16.	21.7 +-	.6	3.2	15.4 +-	.8		3.6
002	239	12.	22.9 +-	.7	3.4	16.5 +-	.8		3.7
003	213	16.	24.2 +-	.7	3.6	17.7 +-	.8		3.8
004	149	9.9	22.0 +-	.7	3.3	15.7 +-	.8		3.6
005	108	8.2	27.8 +-	.8	4.2	20.9 +-	.9		4.3
006	86	10.	20.1 +-	.6	3.0	14.0 +-	.7		3.4
007	83	9.7	17.8 +-	.5	2.7	11.9 +-	.7		3.1
008	37	7.1	20.0 +-	.6	3.0	13.9 +-	.7		3.4
009	65	0.8	MISSING OR DAMAGED DOSIMETER						
010	43	0.7	20.2 +-	.6	3.0	14.1 +-	.7		3.4
011	92	0.2	21.3 +-	.6	3.2	15.1 +-	.7		3.5
012	131	1.6	19.4 +-	.6	2.9	13.4 +-	.7		3.3
013	358	0.6	23.9 +-	.7	3.6	17.4 +-	.8		3.8
014	323	0.7	21.1 +-	.6	3.2	14.9 +-	.7		3.5
015	151	0.7	19.6 +-	.6	2.9	13.6 +-	.7		3.3
016	219	0.9	20.9 +-	.6	3.1	14.8 +-	.7		3.5
017	245	1.5	20.7 +-	.6	3.1	14.5 +-	.7		3.5
018	254	2.3	20.5 +-	.6	3.1	14.4 +-	.7		3.4
019	323	7.0	21.0 +-	.6	3.1	14.8 +-	.7		3.5
020	309	6.3	21.5 +-	.6	3.2	15.3 +-	.7		3.5
021	279	5.7	21.2 +-	.6	3.2	15.0 +-	.7		3.5
022	244	6.4	22.3 +-	.7	3.3	16.0 +-	.8		3.6
023	217	4.6	21.3 +-	.6	3.2	15.1 +-	.7		3.5
024	350	11.	20.6 +-	.6	3.1	14.5 +-	.7		3.4
025	318	17.	22.0 +-	.7	3.3	15.7 +-	.8		3.6
026	311	22.	23.0 +-	.7	3.5	16.6 +-	.8		3.7
027	306	27.	20.0 +-	.6	3.0	13.9 +-	.7		3.4
028	306	27.	20.0 +-	.6	3.0	13.9 +-	.7		3.4
029	306	27.	20.7 +-	.6	3.1	14.5 +-	.7		3.5
030	306	27.	20.8 +-	.6	3.1	14.6 +-	.7		3.5
TRANSIT DOSE =	4.3	+- .5 ; 2.3							

RANCHO SECO
FOR THE PERIOD 840320-840731

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.0 +- 2.1	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	14.0 +- .1	2
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	13.7 +- 1.6	3
101.25-123.75(ESE)	20.9 +- 0.0	1
123.75-146.25(SE)	13.4 +- 0.0	1
146.25-168.75(SSE)	14.6 +- 1.5	2
168.75-191.25(S)	NO DATA+-NO DATA	0
191.25-213.75(SSW)	17.7 +- 0.0	1
213.75-236.25(SW)	14.9 +- .2	2
236.25-258.75(WSW)	15.3 +- 1.0	4
258.75-281.25(W)	15.0 +- 0.0	1
281.25-303.75(WNW)	15.4 +- 0.0	1
303.75-326.25(NW)	15.0 +- .5	6
326.25-348.75(NNW)	NO DATA+-NO DATA	0

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	14.7 +- 1.3	8
2-5	14.7 +- .5	2
>5	15.4 +- 1.9	16
UPWIND CONTROL DATA	14.8 +- 1.6	3

RIVER BEND
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840731 131 DAYS
FIELD TIME 114 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	23.5	.7	3.5	NO NET DATA
002	42	1.1	22.5	.7	3.4	NO NET DATA
003	61	1.1	23.1	.7	3.5	NO NET DATA
004	90	.8	22.0	.7	3.3	NO NET DATA
005	107	.6	24.5	.7	3.7	NO NET DATA
006	136	.75	24.3	.7	3.6	NO NET DATA
007	166	1	20.0	.6	3.0	NO NET DATA
008	182	.9	21.9	.7	3.3	NO NET DATA
009	195	.6	20.6	.6	3.1	NO NET DATA
010	225	.7	23.7	.7	3.5	NO NET DATA
011	254	.4	21.7	.6	3.2	NO NET DATA
012	276	.6	22.2	.7	3.3	NO NET DATA
013	295	.6	24.4	.7	3.7	NO NET DATA
014	320	.9	22.8	.7	3.4	NO NET DATA
015	332	2.1	24.0	.7	3.6	NO NET DATA
016	312	2.7	23.0	.7	3.5	NO NET DATA
017	302	3.1	20.4	.6	3.1	NO NET DATA
018	278	3.8	17.2	.5	2.6	NO NET DATA
019	242	2.8	24.7	.7	3.7	NO NET DATA
020	195	5.4	MISSING OR DAMAGED DOSIMETER			
021	215	3	23.6	.7	3.5	NO NET DATA
022	233	7.1	17.1	.5	2.6	NO NET DATA
023	246	9.7	21.9	.7	3.3	NO NET DATA
024	234	7.3	20.6	.6	3.1	NO NET DATA
025	185	7.6	23.6	.7	3.5	NO NET DATA
026	322	7.7	20.0	.6	3.0	NO NET DATA
027	328	10.	22.6	.7	3.4	NO NET DATA
028	340	7.2	23.6	.7	3.5	NO NET DATA
029	354	9.5	21.9	.7	3.3	NO NET DATA
030	360	5.1	22.1	.7	3.3	NO NET DATA
031	221	6.9	22.7	.7	3.4	NO NET DATA
032	40	4.9	21.7	.7	3.3	NO NET DATA
033	52	8.7	19.3	.6	2.9	NO NET DATA
034	65	8.4	21.1	.6	3.2	NO NET DATA
035	87	6.6	20.8	.6	3.1	NO NET DATA
036	326	5.8	22.7	.7	3.4	NO NET DATA
037	329	22	22.5	.7	3.4	NO NET DATA
038	111	3.8	23.7	.7	3.5	NO NET DATA
039	131	5.6	22.5	.7	3.4	NO NET DATA
040	155	6.2	24.0	.7	3.6	NO NET DATA
041	120	9	6.0	.2	.9	NO NET DATA
042	121	11.	19.1	.6	2.9	NO NET DATA
043	180	1.1	23.4	.7	3.5	NO NET DATA
044	150	28	18.4	.6	2.8	NO NET DATA

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

RIVER BEND
FOR THE PERIOD 840323-840731

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	15.1 +- .1	2
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	14.5 +- 1.2	3
56.25-78.75 (ENE)	15.2 +- 1.0	2
78.75-101.25 (E)	14.7 +- .6	2
101.25-123.75(ESE)	12.6 +- 5.9	4
123.75-146.25(SE)	15.1 +- .9	2
146.25-168.75(SSE)	15.4 +- 1.3	2
168.75-191.25(S)	15.8 +-	3
191.25-213.75(SSW)	14.2 +- 0.0	1
213.75-236.25(SW)	14.8 +- 1.9	5
236.25-258.75(WSW)	15.6 +- 1.2	3
258.75-281.25(W)	13.5 +- 2.5	2
281.25-303.75(WNW)	15.4 +- 1.9	2
303.75-326.25(NW)	15.2 +- 1.0	4
326.25-348.75(NNW)	16.0 +- .4	5

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.6 +- .9	15
2-5	15.3 +- 1.7	8
>5	14.2 +- 2.7	19
UPWIND CONTROL DATA	12.6 +- 0.0	1

ROBINSON
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840719 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.			
001	191	0.2	16.4 +-	.5 ;	2.5	13.4 +-	.6 ;	3.0	
002	151	1.9	21.3 +-	.6 ;	3.2	18.2 +-	.8 ;	3.6	
003	134	2.0	19.3 +-	.6 ;	2.9	16.2 +-	.7 ;	3.4	
004	119	1.9	16.1 +-	.5 ;	2.4	13.1 +-	.6 ;	3.0	
005	89	2.1	20.5 +-	.6 ;	3.1	17.4 +-	.7 ;	3.5	
006	65	1.0	18.9 +-	.6 ;	2.8	15.9 +-	.7 ;	3.3	
007	46	1.8	19.5 +-	.6 ;	2.9	16.4 +-	.7 ;	3.4	
008	27	1.9	20.2 +-	.6 ;	3.0	17.1 +-	.7 ;	3.5	
009	22	3.5	20.4 +-	.6 ;	3.1	17.3 +-	.7 ;	3.5	
010	0	5.0	18.9 +-	.6 ;	2.8	15.9 +-	.7 ;	3.3	
011	51	4.8	21.4 +-	.6 ;	3.2	18.2 +-	.8 ;	3.6	
012	67	4.1	16.7 +-	.5 ;	2.5	13.7 +-	.6 ;	3.1	
013	87	4.5	18.0 +-	.5 ;	2.7	15.0 +-	.7 ;	3.2	
014	109	5.0	17.4 +-	.5 ;	2.6	14.3 +-	.7 ;	3.1	
015	118	4.8	MISSING OR DAMAGED DOSIMETER						
016	138	5.3	18.6 +-	.6 ;	2.8	15.6 +-	.7 ;	3.3	
017	115	17.	16.8 +-	.5 ;	2.5	13.8 +-	.6 ;	3.1	
018	199	12.	17.9 +-	.5 ;	2.7	14.9 +-	.7 ;	3.2	
019	208	4.8	22.0 +-	.7 ;	3.3	18.8 +-	.8 ;	3.7	
020	225	4.0	21.1 +-	.6 ;	3.2	18.0 +-	.7 ;	3.6	
021	178	4.6	15.0 +-	.4 ;	2.2	12.0 +-	.6 ;	2.8	
022	167	3.7	18.8 +-	.6 ;	2.8	15.7 +-	.7 ;	3.3	
023	181	2.3	17.9 +-	.5 ;	2.7	14.9 +-	.7 ;	3.2	
024	194	2.0	22.0 +-	.7 ;	3.3	18.9 +-	.8 ;	3.7	
025	228	2.1	18.7 +-	.6 ;	2.8	15.7 +-	.7 ;	3.3	
026	245	1.5	17.1 +-	.5 ;	2.6	14.0 +-	.7 ;	3.1	
027	273	1.8	16.0 +-	.5 ;	2.4	13.0 +-	.6 ;	3.0	
028	287	2.0	14.7 +-	.4 ;	2.2	11.7 +-	.6 ;	2.8	
029	311	1.6	19.9 +-	.6 ;	3.0	16.8 +-	.7 ;	3.4	
030	334	1.9	19.7 +-	.6 ;	3.0	16.6 +-	.7 ;	3.4	
031	353	1.8	17.2 +-	.5 ;	2.6	14.1 +-	.7 ;	3.1	
032	333	4.0	18.7 +-	.6 ;	2.8	15.6 +-	.7 ;	3.3	
033	318	4.7	20.3 +-	.6 ;	3.0	17.2 +-	.7 ;	3.5	
034	310	6.9	18.0 +-	.5 ;	2.7	15.0 +-	.7 ;	3.2	
035	295	4.0	22.3 +-	.7 ;	3.3	19.2 +-	.8 ;	3.7	
036	269	4.8	18.7 +-	.6 ;	2.8	15.7 +-	.7 ;	3.3	
037	252	4.6	20.1 +-	.6 ;	3.0	17.0 +-	.7 ;	3.5	
038	274	10.	18.7 +-	.6 ;	2.8	15.7 +-	.7 ;	3.3	
039	285	15.	17.2 +-	.5 ;	2.6	14.1 +-	.7 ;	3.1	
040	289	16.	MISSING OR DAMAGED DOSIMETER						
041	291	17.	17.5 +-	.5 ;	2.6	14.4 +-	.7 ;	3.1	
TRANSIT DOSE =	2.7 +-	.4 ; 1.9							

ROBINSON
FOR THE PERIOD 840321-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.0 +- 1.2	2
11.25-33.75 (NNE)	17.2 +- .1	2
33.75-56.25 (NE)	17.3 +- 1.3	2
56.25-78.75 (ENE)	14.8 +- 1.5	2
78.75-101.25 (E)	16.2 +- 1.7	2
101.25-123.75(ESE)	13.7 +- .6	3
123.75-146.25(SE)	15.9 +- .4	2
146.25-168.75(SSE)	17.0 +- 1.8	2
168.75-191.25(S)	13.4 +- 1.4	3
191.25-213.75(SSW)	17.5 +- 2.3	3
213.75-236.25(SW)	16.8 +- 1.6	2
236.25-258.75(WSW)	15.5 +- 2.1	2
258.75-281.25(W)	14.8 +- 1.8	3
281.25-303.75(WNW)	15.5 +- 5.3	2
303.75-326.25(NW)	16.3 +- 1.2	3
326.25-348.75(NNW)	16.1 +- .7	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.4 +- 2.2	14
2-5	16.2 +- 1.9	18
>5	15.0 +- .7	5
UPWIND CONTROL DATA	14.3 +- .2	2

ST.LUCIE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840710 111 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	20	0.3	16.1 +- .5	2.4	15.2 +- .6		3.0
002	45	0.2	18.5 +- .6	2.8	17.7 +- .7		3.3
003	67	0.2	19.5 +- .6	2.9	18.8 +- .7		3.5
004	92	0.3	14.9 +- .4	2.2	14.0 +- .6		2.9
005	115	0.4	MISSING OR DAMAGED DOSIMETER				
006	143	1.1	13.1 +- .4	2.0	12.1 +- .6		2.6
007	150	2.0	12.5 +- .4	1.9	11.5 +- .5		2.6
008	154	4.7	13.4 +- .4	2.0	12.4 +- .6		2.7
009	152	22.	13.7 +- .4	2.1	12.7 +- .6		2.7
010	152	22.	13.5 +- .4	2.0	12.5 +- .6		2.7
011	152	22.	MISSING OR DAMAGED DOSIMETER				
012	168	14.	14.1 +- .4	2.1	13.2 +- .6		2.8
013	185	10.	14.7 +- .4	2.2	13.8 +- .6		2.8
014	183	11.	17.4 +- .5	2.6	16.6 +- .7		3.2
015	170	8.0	14.1 +- .4	2.1	13.2 +- .6		2.8
016	196	7.0	14.3 +- .4	2.1	13.3 +- .6		2.8
017	229	7.9	12.8 +- .4	1.9	11.8 +- .5		2.5
018	250	6.6	13.3 +- .4	2.0	12.3 +- .6		2.7
019	247	4.8	13.6 +- .4	2.0	12.6 +- .6		2.7
020	229	5.0	13.3 +- .4	2.0	12.3 +- .6		2.7
021	208	3.8	MISSING OR DAMAGED DOSIMETER				
022	187	3.8	13.3 +- .4	2.0	12.3 +- .6		2.7
023	203	2.6	13.4 +- .4	2.0	12.4 +- .6		2.7
024	245	1.9	12.5 +- .4	1.9	11.5 +- .5		2.6
025	280	2.2	13.4 +- .4	2.0	12.4 +- .6		2.7
026	299	3.1	14.1 +- .4	2.1	13.1 +- .6		2.8
027	305	3.8	MISSING OR DAMAGED DOSIMETER				
028	276	4.0	13.2 +- .4	2.0	12.2 +- .6		2.6
029	293	5.8	14.0 +- .4	2.1	13.1 +- .6		2.8
030	316	7.7	13.8 +- .4	2.1	12.8 +- .6		2.7
032	300	10.	13.7 +- .4	2.0	12.7 +- .6		2.7
033	322	8.7	14.9 +- .4	2.2	14.0 +- .6		2.9
034	339	8.8	MISSING OR DAMAGED DOSIMETER				
035	342	2.9	13.5 +- .4	2.0	12.5 +- .6		2.7
036	346	1.9	14.1 +- .4	2.1	13.1 +- .6		2.8
037	353	1.0	13.9 +- .4	2.1	13.0 +- .6		2.7
038	226	2.0	13.4 +- .4	2.0	12.4 - .6		2.7

TRANSIT DOSE = 1.5 +- .4 ; 1.6

ST.LUCIE
FOR THE PERIOD 840322-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	13.0 +- 0.0	1
11.25-33.75 (NNE)	15.2 +- 0.0	1
33.75-56.25 (NE)	17.7 +- 0.0	1
56.25-78.75 (ENE)	18.8 +- 0.0	1
78.75-101.25 (E)	14.0 +- 0.0	1
101.25-123.75(ESE)	NO DATA+-NO DATA	0
123.75-146.25(SE)	12.1 +- 0.0	1
146.25-168.75(SSE)	12.4 +- .8	3
168.75-191.25(S)	14.0 +- 1.9	4
191.25-213.75(SSW)	12.9 +- .7	2
213.75-236.25(SW)	12.2 +- .3	3
236.25-258.75(WSW)	12.1 +- .6	3
258.75-281.25(W)	12.3 +- .1	2
281.25-303.75(WNW)	13.0 +- .2	3
303.75-326.25(NW)	13.4 +- .9	2
326.25-348.75(NNW)	12.8 +- .4	2

DISTANCE(mi) FROM THE REACTOR	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	13.9 +- 2.6	10
2-5	12.5 +- .3	9
>5	13.3 +- 1.3	11
UPWIND CONTROL DATA	12.6 +- .1	2

SALEM
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840712 112 DAYS
FIELD TIME 94 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
002	79	3.4	16.4 +- .5 ; 2.5	14.0 +- .6 ; 2.9
003	72	3.6	17.2 +- .5 ; 2.6	14.7 +- .6 ; 3.0
004	58	4.2	16.5 +- .5 ; 2.5	14.1 +- .6 ; 2.9
005	54	4.9	14.7 +- .4 ; 2.2	12.4 +- .6 ; 2.7
006	68	8.6	MISSING OR DAMAGED DOSIMETER	
007	40	5.7	15.4 +- .5 ; 2.3	13.0 +- .6 ; 2.8
008	116	11.	16.2 +- .5 ; 2.4	13.8 +- .6 ; 2.8
010	8	5.8	14.9 +- .4 ; 2.2	12.5 +- .6 ; 2.7
011	15	8.1	15.3 +- .5 ; 2.3	13.0 +- .6 ; 2.7
012	24	8.6	15.2 +- .5 ; 2.3	12.9 +- .6 ; 2.7
013	49	8.6	13.6 +- .4 ; 2.0	11.3 +- .5 ; 2.6
014	90	6.7	14.7 +- .4 ; 2.2	12.3 +- .6 ; 2.7
015	105	6.4	14.3 +- .4 ; 2.1	12.0 +- .6 ; 2.6
017	331	4.2	MISSING OR DAMAGED DOSIMETER	
018	320	3.8	MISSING OR DAMAGED DOSIMETER	
019	299	3.4	MISSING OR DAMAGED DOSIMETER	
021	276	3.6	MISSING OR DAMAGED DOSIMETER	
022	266	4.7	MISSING OR DAMAGED DOSIMETER	
023	257	4.4	MISSING OR DAMAGED DOSIMETER	
024	240	4.4	MISSING OR DAMAGED DOSIMETER	
025	217	4.9	MISSING OR DAMAGED DOSIMETER	
026	204	3.9	MISSING OR DAMAGED DOSIMETER	
027	188	4.2	MISSING OR DAMAGED DOSIMETER	
028	319	20	MISSING OR DAMAGED DOSIMETER	
029	265	6.7	MISSING OR DAMAGED DOSIMETER	
030	353	12.	MISSING OR DAMAGED DOSIMETER	
031	0	18	MISSING OR DAMAGED DOSIMETER	
032	338	8.1	MISSING OR DAMAGED DOSIMETER	
033	265	9.8	MISSING OR DAMAGED DOSIMETER	
034	270	13.	MISSING OR DAMAGED DOSIMETER	
TRANSIT DOSE =			1.8 +- .4 ; 1.7	

COMMENTS:

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

SALEM
FOR THE PERIOD 840323-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.5 +- 0.0	1
11.25-33.75 (NNE)	12.9 +- .1	2
33.75-56.25 (NE)	12.2 +- .8	3
56.25-78.75 (ENE)	14.4 +- .5	2
78.75-101.25 (E)	13.2 +- 1.2	2
101.25-123.75(ESE)	12.9 +- 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.) +-Std.Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	13.8 +- 1.0	4
>5	12.6 +- .7	8
UPWIND CONTROL DATA	NO DATA	NO DATA

SALEM
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840712 112 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.
017	331	4.2	MISSING OR DAMAGED DOSIMETER	
018	320	3.8	MISSING OR DAMAGED DOSIMETER	
019	299	3.4	MISSING OR DAMAGED DOSIMETER	
021	276	3.6	MISSING OR DAMAGED DOSIMETER	
022	266	4.7	MISSING OR DAMAGED DOSIMETER	
023	257	4.4	MISSING OR DAMAGED DOSIMETER	
024	240	4.4	MISSING OR DAMAGED DOSIMETER	
025	217	4.9	MISSING OR DAMAGED DOSIMETER	
026	204	3.9	MISSING OR DAMAGED DOSIMETER	
027	188	4.2	MISSING OR DAMAGED DOSIMETER	
028	319	20	MISSING OR DAMAGED DOSIMETER	
029	265	6.7	MISSING OR DAMAGED DOSIMETER	
030	353	12.	MISSING OR DAMAGED DOSIMETER	
031	0	18	MISSING OR DAMAGED DOSIMETER	
032	338	8.1	MISSING OR DAMAGED DOSIMETER	
033	265	9.8	MISSING OR DAMAGED DOSIMETER	
034	270	13.	MISSING OR DAMAGED DOSIMETER	

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

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 840323-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-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)	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.) +-Std.Dev.	# IN GROUP
0-2	NO DATA+-NO DATA	0
2-5	NO DATA+-NO DATA	0
>5	NO DATA+-NO DATA	0
UPWIND CONTROL DATA	NO DATA	NO DATA

SAN ONOFRE
TLD DIRECT RADIATION ENVI JNMENTAL MONITORING
FOR THE PERIOD 840320-840802 136 DAYS
FIELD TIME 100 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	346	35.	29.2 +- .9 ; 4.4	NO NET DATA
002	346	35.	29.7 +- .9 ; 4.5	NO NET DATA
003	346	35.	30.6 +- .9 ; 4.6	NO NET DATA
004	327	11.	22.6 +- .7 ; 3.4	NO NET DATA
005	308	14.	25.7 +- .8 ; 3.9	NO NET DATA
006	307	10.	23.5 +- .7 ; 3.5	NO NET DATA
007	318	6.3	24.0 +- .7 ; 3.6	NO NET DATA
008	322	5.1	25.3 +- .8 ; 3.8	NO NET DATA
009	311	3.3	23.0 +- .7 ; 3.5	NO NET DATA
010	331	3.3	MISSING OR DAMAGED DOSIMETER	
011	300	2.6	MISSING OR DAMAGED DOSIMETER	
012	285	0.5	26.6 +- .8 ; 4.0	NO NET DATA
013	320	2.4	23.6 +- .7 ; 3.5	NO NET DATA
014	320	1.7	24.1 +- .7 ; 3.6	NO NET DATA
015	333	1.2	25.0 +- .8 ; 3.8	NO NET DATA
016	30	1.9	27.7 +- .8 ; 4.1	NO NET DATA
017	8	1.3	22.6 +- .7 ; 3.4	NO NET DATA
019	55	2.9	24.9 +- .7 ; 3.7	NO NET DATA
020	77	4.1	27.5 +- .8 ; 4.1	NO NET DATA
021	87	4.7	25.9 +- .8 ; 3.9	NO NET DATA
022	25	3.4	28.4 +- .9 ; 4.3	NO NET DATA
023	357	3.5	27.9 +- .8 ; 4.2	NO NET DATA
024	25	0.4	23.5 +- .7 ; 3.5	NO NET DATA
025	81	0.4	23.2 +- .7 ; 3.5	NO NET DATA
026	126	2.1	21.7 +- .7 ; 3.3	NO NET DATA
027	130	8.6	22.5 +- .7 ; 3.4	NO NET DATA
028	99	8.9	22.0 +- .7 ; 3.3	NO NET DATA
029	135	11.	22.6 +- .7 ; 3.4	NO NET DATA
030	126	2.0	MISSING OR DAMAGED DOSIMETER	
031	128	3.7	18.2 +- .5 ; 2.7	NO NET DATA
032	140	22.	22.2 +- .7 ; 3.3	NO NET DATA
033	120	26.	20.8 +- .6 ; 3.1	NO NET DATA

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

SAN ONOFRE
FOR THE PERIOD 840320-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.7 +- 2.5	2
11.25-33.75 (NNE)	17.5 +- 1.8	3
33.75-56.25 (NE)	16.4 +- 0.0	1
56.25-78.75 (ENE)	18.2 +- 0.0	1
78.75-101.25 (E)	15.7 +- 1.3	3
101.25-123.75(ESE)	13.8 +- 0.0	1
123.75-146.25(SE)	14.2 +- 1.2	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)	17.6 +- 0.0	1
303.75-326.25(NW)	16.0 +- .7	7
326.25-348.75(NNW)	15.7 +- 1.1	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.3 +- 1.2	7
2-5	16.2 +- 2.2	9
>5	15.3 +- 1.0	10
UPWIND CONTROL DATA	19.7 +- .5	3

SEABROOK
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840705 102 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	157	.7	MISSING OR DAMAGED DOSIMETER	
002	179	.7	18.1 +- .5 ; 2.7	17.1 +- .7 ; 3.3
003	199	.7	16.9 +- .5 ; 2.5	15.8 +- .7 ; 3.1
004	223	.9	MISSING OR DAMAGED DOSIMETER	
005	244	1.2	18.3 +- .5 ; 2.7	17.3 +- .7 ; 3.3
006	293	1	18.0 +- .5 ; 2.7	17.0 +- .7 ; 3.3
007	275	.5	17.5 +- .5 ; 2.6	16.4 +- .7 ; 3.2
008	317	2.8	19.2 +- .6 ; 2.9	18.2 +- .7 ; 3.4
009	331	1.6	19.5 +- .6 ; 2.9	18.6 +- .7 ; 3.5
010	358	1.9	17.8 +- .5 ; 2.7	16.7 +- .7 ; 3.2
011	20	2.6	18.3 +- .5 ; 2.7	17.3 +- .7 ; 3.3
012	50	2.1	17.0 +- .5 ; 2.5	15.9 +- .7 ; 3.1
013	82	1.7	17.9 +- .5 ; 2.7	16.9 +- .7 ; 3.3
014	43	4.1	18.5 +- .6 ; 2.8	17.4 +- .7 ; 3.3
015	0	4	18.9 +- .6 ; 2.8	17.9 +- .7 ; 3.4
016	20	12.	19.1 +- .6 ; 2.9	18.1 +- .7 ; 3.4
017	322	7.3	20.2 +- .6 ; 3.0	19.3 +- .7 ; 3.6
018	292	3.9	18.4 +- .6 ; 2.8	17.4 +- .7 ; 3.3
019	269	9.9	18.0 +- .5 ; 2.7	16.9 +- .7 ; 3.3
020	253	4.2	19.9 +- .6 ; 3.0	18.9 +- .7 ; 3.5
021	232	4.7	18.9 +- .6 ; 2.8	17.9 +- .7 ; 3.4
022	213	6.1	21.0 +- .6 ; 3.1	20.1 +- .8 ; 3.7
023	189	6.6	20.2 +- .6 ; 3.0	19.3 +- .7 ; 3.6
024	166	7.2	17.0 +- .5 ; 2.6	15.9 +- .7 ; 3.1
025	177	4.1	18.9 +- .6 ; 2.8	17.9 +- .7 ; 3.4
026	159	4	17.8 +- .5 ; 2.7	16.7 +- .7 ; 3.2
027	138	2.4	18.4 +- .6 ; 2.8	17.3 +- .7 ; 3.3
028	117	4.4	16.9 +- .5 ; 2.5	15.8 +- .7 ; 3.1
030	66	2.1	19.0 +- .6 ; 2.9	18.0 +- .7 ; 3.4
031	336	5.4	19.1 +- .6 ; 2.9	18.1 +- .7 ; 3.4
032	237	18.	19.1 +- .6 ; 2.9	18.1 +- .7 ; 3.4
033	237	18.	19.3 +- .6 ; 2.9	18.3 +- .7 ; 3.4
034	237	18.	18.7 +- .6 ; 2.8	17.7 +- .7 ; 3.4
TRANSIT DOSE =	2.0 +- .4 ; 1.5			

SEABROOK
FOR THE PERIOD 840326-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	17.3 +- .9	2
11.25-33.75 (NNE)	17.7 +- .6	2
33.75-56.25 (NE)	16.7 +- 1.1	2
56.25-78.75 (ENE)	18.0 +- 0.0	1
78.75-101.25 (E)	16.9 +- 0.0	1
101.25-123.75(ESE)	15.8 +- 0.0	1
123.75-146.25(SE)	17.3 +- 0.0	1
146.25-168.75(SSE)	16.3 +- .6	2
168.75-191.25(S)	18.1 +- 1.1	3
191.25-213.75(SSW)	18.0 +- 3.0	2
213.75-236.25(SW)	17.9 +- 0.0	1
236.25-258.75(WSW)	18.1 +- 1.2	2
258.75-281.25(W)	16.7 +- .4	2
281.25-303.75(WNW)	17.2 +- .3	2
303.75-326.25(NW)	18.7 +- .8	2
326.25-348.75(NNW)	18.3 +- .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.0 +- .8	8
2-5	17.4 +- .9	13
>5	18.2 +- 1.5	7
UPWIND CONTROL DATA	18.0 +- .3	3

SEQUOYAH
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840710 112 DAYS
FIELD TIME 71 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.) (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	218 11.	MISSING OR DAMAGED DOSIMETER	
002	206 13.	MISSING OR DAMAGED DOSIMETER	
003	203 3.9	18.6 +- .6 ; 2.8	18.6 +- .8 ; 4.0
004	199 2.0	16.3 +- .5 ; 2.4	15.7 +- .8 ; 3.7
005	181 1.4	19.5 +- .6 ; 2.9	19.6 +- .9 ; 4.2
006	153 1.5	15.1 +- .5 ; 2.3	14.1 +- .7 ; 3.5
007	139 1.9	14.7 +- .4 ; 2.2	13.6 +- .7 ; 3.4
008	115 1.8	14.8 +- .4 ; 2.2	13.7 +- .7 ; 3.4
009	84 1.6	13.3 +- .4 ; 2.0	11.9 +- .7 ; 3.2
010	66 1.3	MISSING OR DAMAGED DOSIMETER	
011	45 1.5	16.2 +- .5 ; 2.4	15.5 +- .8 ; 3.6
012	14 2.0	17.1 +- .5 ; 2.6	16.7 +- .8 ; 3.8
013	2.0 2.1	18.2 +- .5 ; 2.7	18.1 +- .8 ; 4.0
014	19 3.9	15.9 +- .5 ; 2.4	15.1 +- .7 ; 3.6
015	48 4.0	14.4 +- .4 ; 2.2	13.2 +- .7 ; 3.4
016	65 4.9	15.5 +- .5 ; 2.3	14.6 +- .7 ; 3.5
017	90 3.9	17.7 +- .5 ; 2.7	17.4 +- .8 ; 3.9
018	111 3.4	16.5 +- .5 ; 2.5	15.9 +- .8 ; 3.7
019	135 3.4	15.6 +- .5 ; 2.3	14.7 +- .7 ; 3.5
020	158 3.4	14.3 +- .4 ; 2.1	13.1 +- .7 ; 3.3
021	184 4.6	MISSING OR DAMAGED DOSIMETER	
022	233 10.	14.4 +- .4 ; 2.2	13.2 +- .7 ; 3.3
023	219 4.9	16.0 +- .5 ; 2.4	15.3 +- .7 ; 3.6
024	241 4.3	15.2 +- .5 ; 2.3	14.3 +- .7 ; 3.5
025	235 2.0	12.7 +- .4 ; 1.9	11.1 +- .7 ; 3.1
026	248 1.5	14.7 +- .4 ; 2.2	13.6 +- .7 ; 3.4
027	266 1.2	14.7 +- .4 ; 2.2	13.6 +- .7 ; 3.4
028	291 1.2	15.7 +- .5 ; 2.4	14.9 +- .7 ; 3.6
029	309 1.2	15.5 +- .5 ; 2.3	14.6 +- .7 ; 3.5
030	330 0.5	16.1 +- .5 ; 2.4	15.4 +- .8 ; 3.6
031	339 1.8	17.1 +- .5 ; 2.6	16.6 +- .8 ; 3.8
032	355 4.9	14.8 +- .4 ; 2.2	13.7 +- .7 ; 3.4
033	334 3.6	14.4 +- .4 ; 2.2	13.2 +- .7 ; 3.4
034	317 4.4	13.7 +- .4 ; 2.1	12.4 +- .7 ; 3.2
035	77 5.6	16.1 +- .5 ; 2.4	15.3 +- .8 ; 3.6
036	283 3.6	14.6 +- .4 ; 2.2	13.5 +- .7 ; 3.4
037	273 4.4	14.4 +- .4 ; 2.2	13.2 +- .7 ; 3.4
038	302 19.	14.7 +- .4 ; 2.2	13.6 +- .7 ; 3.4
039	290 18	16.5 +- .5 ; 2.5	15.9 +- .8 ; 3.7
040	289 18	20.3 +- .6 ; 3.0	20.7 +- .9 ; 4.3
041	318 6.1	15.5 +- .5 ; 2.3	14.6 +- .7 ; 3.5
TRANSIT DOSE =	3.9 +- .3 ; 1.5		

SEQUOYAH
FOR THE PERIOD 840321-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.9 +- 3.1	2
11.25-33.75 (NNE)	15.9 +- 1.1	2
33.75-56.25 (NE)	14.4 +- 1.6	2
56.25-78.75 (ENE)	14.6 +- 0.0	1
78.75-101.25 (E)	14.6 +- 3.9	2
101.25-123.75(ESE)	14.8 +- 1.6	2
123.75-146.25(SE)	14.1 +- .8	2
146.25-168.75(SSE)	13.6 +- .7	2
168.75-191.25(S)	19.6 +- 0.0	1
191.25-213.75(SSW)	17.1 +- 2.1	2
213.75-236.25(SW)	13.2 +- 2.1	3
236.25-258.75(WSW)	13.9 +- .4	2
258.75-281.25(W)	14.1 +- 1.1	3
281.25-303.75(WNW)	14.2 +- 1.0	2
303.75-326.25(NW)	13.9 +- 1.3	3
326.25-348.75(NNW)	15.1 +- 1.7	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	14.7 +- 2.1	15
2-5	14.8 +- 1.9	16
>5	14.4 +- 1.1	3
UPWIND CONTROL DATA	16.7 +- 3.6	3

SHOREHAM
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840710 107 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	262	10	14.9 +- .4 ; 2.2	11.6 +- .6 ; 2.7
002	268	4.4	15.7 +- .5 ; 2.3	12.4 +- .6 ; 2.8
003	256	3.2	14.2 +- .4 ; 2.1	10.9 +- .6 ; 2.6
004	268	2.1	MISSING OR DAMAGED DOSIMETER	
005	243	1.7	15.1 +- .5 ; 2.3	11.9 +- .6 ; 2.8
007	236	1.5	14.2 +- .4 ; 2.1	10.9 +- .6 ; 2.6
008	116	0.9	18.3 +- .5 ; 2.7	15.0 +- .7 ; 3.1
009	910	0.8	14.4 +- .4 ; 2.2	11.1 +- .6 ; 2.7
010	730	0.7	MISSING OR DAMAGED DOSIMETER	
011	62.	0.7	MISSING OR DAMAGED DOSIMETER	
012	75	1.6	14.6 +- .4 ; 2.2	11.3 +- .6 ; 2.7
013	88	2.1	14.6 +- .4 ; 2.2	11.4 +- .6 ; 2.7
014	119	4.6	14.1 +- .4 ; 2.1	10.9 +- .6 ; 2.6
015	110	10.	15.7 +- .5 ; 2.4	12.5 +- .6 ; 2.8
016	138	14.	14.3 +- .4 ; 2.1	11.0 +- .6 ; 2.7
017	162	11.	14.4 +- .4 ; 2.2	11.1 +- .6 ; 2.7
018	170	11.	13.5 +- .4 ; 2.0	10.3 +- .6 ; 2.6
019	189	5.1	15.0 +- .5 ; 2.3	11.8 +- .6 ; 2.7
021	163	2.5	14.3 +- .4 ; 2.1	11.1 +- .6 ; 2.7
022	149	1.5	14.6 +- .4 ; 2.2	11.3 +- .6 ; 2.7
023	177	1.3	15.3 +- .5 ; 2.3	12.1 +- .6 ; 2.8
024	196	1.2	14.8 +- .4 ; 2.2	11.5 +- .6 ; 2.7
025	217	1.5	15.6 +- .5 ; 2.3	12.4 +- .6 ; 2.8
026	215	4.6	13.4 +- .4 ; 2.0	10.2 +- .5 ; 2.6
027	205	4.2	15.0 +- .5 ; 2.3	11.8 +- .6 ; 2.7
028	233	11	14.3 +- .4 ; 2.1	11.0 +- .6 ; 2.7
029	224	12.	14.1 +- .4 ; 2.1	10.9 +- .6 ; 2.6
030	202	14.	15.2 +- .5 ; 2.3	12.0 +- .6 ; 2.8
031	210	15.	14.2 +- .4 ; 2.1	11.0 +- .6 ; 2.6
032	210	15.	13.9 +- .4 ; 2.1	10.7 +- .6 ; 2.6
033	210	15.	13.8 +- .4 ; 2.1	10.6 +- .6 ; 2.6
034	27	.2	MISSING OR DAMAGED DOSIMETER	
035	50	.3	16.3 +- .5 ; 2.4	13.1 +- .6 ; 2.9
036	133	3.9	16.2 +- .5 ; 2.4	12.9 +- .6 ; 2.9

TRANSIT DOSE = 3.1 +- .4 ; 1.6

SHOREHAM
FOR THE PERIOD 840326-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	11.1 +- 0.0	1
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	13.1 +- 0.0	1
56.25-78.75 (ENE)	11.3 +- 0.0	1
78.75-101.25 (E)	11.4 +- 0.0	1
101.25-123.75(ESE)	12.8 +- 2.1	3
123.75-146.25(SE)	11.6 +- 1.1	3
146.25-168.75(SSE)	11.2 +- .1	3
168.75-191.25(S)	11.4 +- 1.0	3
191.25-213.75(SSW)	11.8 +- .2	3
213.75-236.25(SW)	11.1 +- .9	4
236.25-258.75(WSW)	11.4 +- .7	2
258.75-281.25(W)	12.0 +- .6	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.) +-Std.Dev.	# IN GROUP
0-2	12.1 +- 1.2	10
2-5	11.5 +- .9	8
>5	11.4 +- .7	9
UPWIND CONTROL DATA	10.8 +- .2	3

SUMMER
TLD DIRECT RADIATION ENVIRONMENTAL MONITOPING
FOR THE PERIOD 840321-840720 122 DAYS
FIELD TIME 85 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	199	3.7	26.3 +- .8 ; 3.9	NO NET DATA
002	111	1.0	22.3 +- .7 ; 3.3	NO NET DATA
003	340	4.1	27.9 +- .8 ; 4.2	NO NET DATA
004	192	9.3	23.2 +- .7 ; 3.5	NO NET DATA
005	72	1.8	26.6 +- .8 ; 4.0	NO NET DATA
006	54	1.5	24.7 +- .7 ; 3.7	NO NET DATA
007	46	3.0	30.6 +- .9 ; 4.6	NO NET DATA
008	31	3.0	32.9 +- 1.0 ; 4.9	NO NET DATA
009	13	3.9	30.4 +- .9 ; 4.6	NO NET DATA
010	7	4.0	28.1 +- .8 ; 4.2	NO NET DATA
011	349	4.3	24.3 +- .7 ; 3.6	NO NET DATA
012	323	5.0	25.4 +- .8 ; 3.8	NO NET DATA
013	333	3.0	29.3 +- .9 ; 4.4	NO NET DATA
014	255	2.8	20.8 +- .6 ; 3.1	NO NET DATA
015	308	5.6	27.9 +- .8 ; 4.2	NO NET DATA
016	64	3.5	26.5 +- .8 ; 4.0	NO NET DATA
017	98	3.1	27.5 +- .8 ; 4.1	NO NET DATA
018	114	3.5	26.5 +- .8 ; 4.0	NO NET DATA
019	132	2.0	22.6 +- .7 ; 3.4	NO NET DATA
020	152	4.5	MISSING OR DAMAGED DOSIMETER	
021	133	4.1	20.6 +- .6 ; 3.1	NO NET DATA
022	157	2.4	23.0 +- .7 ; 3.4	NO NET DATA
023	173	2.4	23.9 +- .7 ; 3.6	NO NET DATA
024	185	3.9	23.6 +- .7 ; 3.5	NO NET DATA
025	210	3.3	23.0 +- .7 ; 3.4	NO NET DATA
026	217	3.3	21.3 +- .6 ; 3.2	NO NET DATA
027	231	3.1	19.7 +- .6 ; 3.0	NO NET DATA
028	267	2.7	24.7 +- .7 ; 3.7	NO NET DATA
029	276	3.4	26.5 +- .8 ; 4.0	NO NET DATA
030	293	3.8	30.3 +- .9 ; 4.5	NO NET DATA
031	244	3.6	24.5 +- .7 ; 3.7	NO NET DATA
032	247	6.2	26.2 +- .8 ; 3.9	NO NET DATA
033	218	9.0	23.0 +- .7 ; 3.4	NO NET DATA
034	192	9.3	23.3 +- .7 ; 3.5	NO NET DATA
035	184	14.	20.8 +- .6 ; 3.1	NO NET DATA
036	183	14.	21.4 +- .6 ; 3.2	NO NET DATA
037	182	14.	20.6 +- .6 ; 3.1	NO NET DATA
038	148	20.	26.5 +- .8 ; 4.0	NO NET DATA
039	140	25.	24.6 +- .7 ; 3.7	NO NET DATA
040	135	23.	MISSING OR DAMAGED DOSIMETER	

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

SUMMER
FOR THE PERIOD 840321-840720

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	19.3 +- 2.0	2
11.25-33.75 (NNE)	23.3 +- 1.3	2
33.75-56.25 (NE)	20.4 +- 3.1	2
56.25-78.75 (ENE)	19.6 +- .1	2
78.75-101.25 (E)	20.3 +- 0.0	1
101.25-123.75(ESE)	18.0 +- 2.2	2
123.75-146.25(SE)	16.7 +- 1.5	3
146.25-168.75(SSE)	18.2 +- 1.8	2
168.75-191.25(S)	17.5 +- .2	2
191.25-213.75(SSW)	17.7 +- 1.2	4
213.75-236.25(SW)	15.7 +- 1.2	3
236.25-258.75(WSW)	17.6 +- 2.1	3
258.75-281.25(W)	18.8 +- .9	2
281.25-303.75(WNW)	22.4 +- 0.0	1
303.75-326.25(NW)	19.7 +- 1.3	2
326.25-348.75(NNW)	21.1 +- .7	2

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.7 +- 1.5	4
2-5	19.0 +- 2.6	24
>5	18.4 +- 1.4	7
UPWIND CONTROL DATA	15.4 +- .3	3

SURRY
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840713 115 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	118	18.	MISSING OR DAMAGED DOSIMETER	
002	129	17.	MISSING OR DAMAGED DOSIMETER	
003	162	16.	17.1 +- .5 ; 2.6	14.0 +- .6 ; 2.9
004	162	16.	14.3 +- .4 ; 2.1	11.2 +- .5 ; 2.5
005	156	5.1	19.2 +- .6 ; 2.9	16.0 +- .7 ; 3.1
006	189	4.1	15.6 +- .5 ; 2.3	12.5 +- .6 ; 2.7
007	202	2.2	15.9 +- .5 ; 2.4	12.8 +- .6 ; 2.7
008	183	1.6	18.3 +- .5 ; 2.7	15.1 +- .6 ; 3.0
009	243	0.2	20.7 +- .6 ; 3.1	17.5 +- .7 ; 3.3
010	269	0.1	23.8 +- .7 ; 3.6	20.5 +- .8 ; 3.8
011	304	0.1	27.2 +- .8 ; 4.1	23.8 +- .9 ; 4.2
012	334	0.2	24.0 +- .7 ; 3.6	20.7 +- .9 ; 3.8
013	10	1.2	17.4 +- .5 ; 2.6	14.2 +- .6 ; 2.9
014	21	2.0	17.1 +- .5 ; 2.6	14.0 +- .6 ; 2.9
015	203	4.5	15.7 +- .5 ; 2.4	12.6 +- .6 ; 2.7
016	224	3.7	14.7 +- .4 ; 2.2	11.6 +- .5 ; 2.6
017	212	2.0	16.9 +- .5 ; 2.5	13.8 +- .6 ; 2.8
018	248	0.1	15.2 +- .5 ; 2.3	12.0 +- .6 ; 2.6
019	259	0.1	15.7 +- .5 ; 2.3	12.5 +- .6 ; 2.7
020	285	5.0	MISSING OR DAMAGED DOSIMETER	
021	270	4.1	19.3 +- .6 ; 2.9	16.1 +- .7 ; 3.1
022	123	12.	MISSING OR DAMAGED DOSIMETER	
023	102	11.	22.4 +- .7 ; 3.4	19.1 +- .7 ; 3.6
024	106	4.9	MISSING OR DAMAGED DOSIMETER	
025	90	5.2	18.1 +- .5 ; 2.7	14.9 +- .6 ; 3.0
026	69	5.1	23.6 +- .7 ; 3.5	20.3 +- .8 ; 3.7
027	23	5.3	18.6 +- .6 ; 2.8	15.4 +- .6 ; 3.1
028	49	5.0	19.2 +- .6 ; 2.9	16.0 +- .6 ; 3.1
029	7.0	6.0	18.8 +- .6 ; 2.8	15.6 +- .6 ; 3.1
030	359	6.5	16.1 +- .5 ; 2.4	13.0 +- .6 ; 2.7
031	1.0	4.6	13.9 +- .4 ; 2.1	10.8 +- .5 ; 2.5
032	332	3.8	16.3 +- .5 ; 2.4	13.2 +- .6 ; 2.8
033	314	5.4	18.3 +- .5 ; 2.7	15.1 +- .6 ; 3.0
034	308	6.4	21.6 +- .6 ; 3.2	18.4 +- .7 ; 3.5
035	348	5.3	16.7 +- .5 ; 2.5	13.6 +- .6 ; 2.8
036	343	14.	15.6 +- .5 ; 2.3	12.4 +- .6 ; 2.7
037	340	15.	15.9 +- .5 ; 2.4	12.8 +- .6 ; 2.7
038	339	15.	16.2 +- .5 ; 2.4	13.1 +- .6 ; 2.8
039	153	1.9	18.5 +- .6 ; 2.8	15.3 +- .6 ; 3.0
040	144	2.1	MISSING OR DAMAGED DOSIMETER	

TRANSIT DOSE = 2.8 +- .3 ; 1.4

SURRY
FOR THE PERIOD 840321-840713

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	13.4 +- 2.0	4
11.25-33.75 (NNE)	14.7 +- 1.0	2
33.75-56.25 (NE)	16.0 +- 0.0	1
56.25-78.75 (ENE)	20.3 +- 0.0	1
78.75-101.25 (E)	14.9 +- 0.0	1
101.25-123.75(ESE)	19.1 +- 0.0	1
123.75-146.25(SE)	NO DATA+-NO DATA	0
146.25-168.75(SSE)	14.1 +- 2.1	4
168.75-191.25(S)	13.8 +- 1.8	2
191.25-213.75(SSW)	13.0 +- .6	3
213.75-236.25(SW)	11.6 +- 0.0	1
236.25-258.75(WSW)	14.8 +- 3.8	2
258.75-281.25(W)	16.4 +- 4.0	3
281.25-303.75(WNW)	NO DATA+-NO DATA	0
303.75-326.25(NW)	19.1 +- 4.4	3
326.25-348.75(NNW)	15.8 +- 4.2	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.2 +- 3.6	9
2-5	13.2 +- 1.9	8
>5	15.1 +- 2.7	14
UPWIND CONTROL DATA	12.8 +- .3	3

SUSQUEHANNA
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840705 108 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	1	1.4	19.9 +-	.6 ;	3.0	17.2 +-	.7 ;	3.3
002	0	1.4	18.7 +-	.6 ;	2.8	16.0 +-	.7 ;	3.2
003	333	1.7	18.3 +-	.5 ;	2.7	15.5 +-	.7 ;	3.1
004	318	1.7	17.2 +-	.5 ;	2.6	14.5 +-	.6 ;	3.0
005	287	1.7	19.0 +-	.6 ;	2.8	16.2 +-	.7 ;	3.2
006	270	1.3	19.6 +-	.6 ;	2.9	16.8 +-	.7 ;	3.3
007	239	1.8	17.3 +-	.5 ;	2.6	14.6 +-	.6 ;	3.0
008	217	2	21.5 +-	.6 ;	3.2	18.7 +-	.7 ;	3.5
009	200	1.4	18.7 +-	.6 ;	2.8	16.0 +-	.7 ;	3.2
010	175	1.2	17.6 +-	.5 ;	2.6	14.9 +-	.6 ;	3.0
011	243	5.1	17.7 +-	.5 ;	2.7	15.0 +-	.6 ;	3.1
012	252	4.7	18.6 +-	.6 ;	2.8	15.9 +-	.7 ;	3.2
013	274	3.4	20.1 +-	.6 ;	3.0	17.3 +-	.7 ;	3.4
014	286	3.6	18.5 +-	.6 ;	2.8	15.7 +-	.7 ;	3.1
015	2	3.8	18.5 +-	.6 ;	2.8	15.7 +-	.7 ;	3.1
016	334	4.1	19.1 +-	.6 ;	2.9	16.3 +-	.7 ;	3.2
017	312	4.4	19.1 +-	.6 ;	2.9	16.4 +-	.7 ;	3.2
018	32	4.9	19.6 +-	.6 ;	2.9	16.8 +-	.7 ;	3.3
019	45	9.9	19.8 +-	.6 ;	3.0	17.1 +-	.7 ;	3.3
020	65	4.8	20.5 +-	.6 ;	3.1	17.7 +-	.7 ;	3.4
021	44	3.1	22.6 +-	.7 ;	3.4	19.8 +-	.8 ;	3.7
022	47	.7	17.6 +-	.5 ;	2.6	14.9 +-	.6 ;	3.0
023	65	1.2	18.1 +-	.5 ;	2.7	15.3 +-	.7 ;	3.1
024	87	1.4	18.9 +-	.6 ;	2.8	16.2 +-	.7 ;	3.2
025	108	1.4	19.1 +-	.6 ;	2.9	16.4 +-	.7 ;	3.2
026	137	1.5	19.9 +-	.6 ;	3.0	17.1 +-	.7 ;	3.3
027	152	1.5	19.8 +-	.6 ;	3.0	17.1 +-	.7 ;	3.3
028	108	3.7	20.7 +-	.6 ;	3.1	17.9 +-	.7 ;	3.4
029	102	4.3	21.1 +-	.6 ;	3.2	18.3 +-	.7 ;	3.5
030	140	4.3	20.9 +-	.6 ;	3.1	18.1 +-	.7 ;	3.5
031	162	3.4	21.1 +-	.6 ;	3.2	18.3 +-	.7 ;	3.5
032	176	3.5	20.2 +-	.6 ;	3.0	17.4 +-	.7 ;	3.4
033	192	3.1	21.6 +-	.6 ;	3.2	18.8 +-	.7 ;	3.5
034	231	4.4	19.9 +-	.6 ;	3.0	17.2 +-	.7 ;	3.3
035	134	12.	19.7 +-	.5 ;	2.9	16.9 +-	.7 ;	3.3
036	114	13.	22.0 +-	.7 ;	3.3	19.2 +-	.7 ;	3.6
037	150	15.	19.4 +-	.6 ;	2.9	16.7 +-	.7 ;	3.3
TRANSIT DOSE =	2.4	+- .4 ; 1.6						

SUSQUEHANNA
FOR THE PERIOD 840320-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.9 +- .2	2
11.25-33.75 (NNE)	17.0 +- .2	2
33.75-56.25 (NE)	17.2 +- 2.5	3
56.25-78.75 (ENE)	16.5 +- 1.7	2
78.75-101.25 (E)	16.2 +- 0.0	1
101.25-123.75(ESE)	17.5 +- 1.0	3
123.75-146.25(SE)	17.6 +- .7	2
146.25-168.75(SSE)	17.7 +- .9	2
168.75-191.25(S)	16.2 +- 1.8	2
191.25-213.75(SSW)	17.4 +- 2.0	2
213.75-236.25(SW)	17.9 +- 1.1	2
236.25-258.75(WSW)	15.2 +- .7	3
258.75-281.25(W)	17.1 +- .3	2
281.25-303.75(WNW)	16.0 +- .3	2
303.75-326.25(NW)	15.4 +- 1.3	2
326.25-348.75(NNW)	15.9 +- .6	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.1 +- 1.1	16
2-5	17.4 +- 1.2	16
>5	16.0 +- 1.5	2
UPWIND CONTROL DATA	17.6 +- 1.4	3

THREE MILE ISLAND
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840705 108 DAYS
FIELD TIME 91 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	95	5.9	17.0 +- .5 ; 2.5	13.7 +- .6 ; 3.0
002	101	3.9	18.0 +- .5 ; 2.7	14.7 +- .7 ; 3.1
003	109	2.7	15.8 +- .5 ; 2.4	12.6 +- .6 ; 2.9
004	163	1.8	16.1 +- .5 ; 2.4	12.8 +- .6 ; 2.9
005	161	2.2	MISSING OR DAMAGED DOSIMETER	
006	150	1	16.3 +- .5 ; 2.4	13.1 +- .6 ; 2.9
007	136	.6	14.3 +- .4 ; 2.1	11.1 +- .6 ; 2.7
008	83	.4	15.2 +- .5 ; 2.3	11.9 +- .6 ; 2.8
009	60	.5	15.2 +- .5 ; 2.3	12.0 +- .6 ; 2.8
010	1	1.7	18.1 +- .5 ; 2.7	14.8 +- .7 ; 3.1
011	25	.9	16.7 +- .5 ; 2.5	13.5 +- .6 ; 3.0
012	46	2.8	16.7 +- .5 ; 2.5	13.4 +- .6 ; 3.0
013	19	5.2	17.1 +- .5 ; 2.6	13.8 +- .6 ; 3.0
014	358	2.5	15.1 +- .5 ; 2.3	11.8 +- .6 ; 2.8
015	133	9.0	18.7 +- .6 ; 2.8	15.4 +- .7 ; 3.2
016	0	3.1	15.6 +- .5 ; 2.3	12.4 +- .6 ; 2.8
018	349	3.5	19.3 +- .6 ; 2.9	16.0 +- .7 ; 3.3
019	343	3.2	17.6 +- .5 ; 2.6	14.3 +- .7 ; 3.1
020	318	5	15.2 +- .5 ; 2.3	11.9 +- .6 ; 2.8
021	348	1.3	12.9 +- .4 ; 1.9	9.6 +- .5 ; 2.5
022	17	3.1	17.1 +- .5 ; 2.6	13.8 +- .6 ; 3.0
023	64	3.8	13.4 +- .4 ; 2.0	10.2 +- .5 ; 2.6
024	44	3.8	16.8 +- .5 ; 2.5	13.5 +- .6 ; 3.0
025	335	0.5	12.7 +- .4 ; 1.9	9.4 +- .5 ; 2.5
027	006	7.4	20.1 +- .6 ; 3.0	16.8 +- .7 ; 3.4
029	293	0.4	14.7 +- .4 ; 2.2	11.5 +- .6 ; 2.7
030	317	1.2	17.0 +- .5 ; 2.5	13.7 +- .6 ; 3.0
031	306	9.6	14.4 +- .4 ; 2.2	11.2 +- .6 ; 2.7
032	297	7.4	17.9 +- .5 ; 2.7	14.5 +- .7 ; 3.1
033	301	5.9	14.3 +- .4 ; 2.1	11.1 +- .6 ; 2.7
034	267	2.3	16.5 +- .5 ; 2.5	13.2 +- .6 ; 2.9
035	299	1.8	15.4 +- .5 ; 2.3	12.1 +- .6 ; 2.8
036	267	1.2	13.3 +- .4 ; 2.0	10.1 +- .5 ; 2.6
037	256	1.4	14.4 +- .4 ; 2.2	11.2 +- .6 ; 2.7
038	225	1.9	17.1 +- .5 ; 2.6	13.8 +- .6 ; 3.0
039	200	2.1	13.6 +- .4 ; 2.0	10.3 +- .5 ; 2.6
040	204	2.5	15.9 +- .5 ; 2.4	12.7 +- .6 ; 2.9
041	185	13.	16.3 +- .5 ; 2.4	13.1 +- .6 ; 2.9
042	259	7.3	17.2 +- .5 ; 2.6	13.9 +- .6 ; 3.0
043	268	5.8	19.2 +- .6 ; 2.9	15.9 +- .7 ; 3.3
044	263	4.7	15.1 +- .5 ; 2.3	11.8 +- .6 ; 2.8
045	230	0.5	13.0 +- .4 ; 2.0	9.8 +- .5 ; 2.5
046	177	3	15.4 +- .5 ; 2.3	12.1 +- .6 ; 2.8
047	177	.7	15.7 +- .5 ; 2.4	12.4 +- .6 ; 2.8
048	182	9	13.0 +- .4 ; 2.0	9.7 +- .5 ; 2.5
049	206	0.9	14.4 +- .4 ; 2.2	11.1 +- .6 ; 2.7

TRANSIT DOSE = 3.1 +- .4 ; 1.7

THREE MILE ISLAND
FOR THE PERIOD 840320-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.4 +- 2.2	5
11.25-33.75 (NNE)	13.7 +- .2	3
33.75-56.25 (NE)	13.5 +- .1	2
56.25-78.75 (ENE)	11.1 +- 1.3	2
78.75-101.25 (E)	13.4 +- 1.4	3
101.25-123.75(ESE)	12.6 +- 0.0	1
123.75-146.25(SE)	13.3 +- 3.1	2
146.25-168.75(SSE)	12.8 +- .2	2
168.75-191.25(S)	14.1 +- 3.1	4
191.25-213.75(SSW)	11.4 +- 1.2	3
213.75-236.25(SW)	11.8 +- 2.9	2
236.25-258.75(WSW)	NO DATA+-NO DATA	0
258.75-281.25(W)	13.7 +- 1.7	4
281.25-303.75(WNW)	12.4 +- 2.0	3
303.75-326.25(NW)	12.3 +- 1.3	3
326.25-348.75(NNW)	11.1 +- 2.8	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	12.0 +- 1.7	14
2-5	12.8 +- 1.5	16
>5	14.2 +- 2.2	12
UPWIND CONTROL DATA	11.1 +- 1.0	3

TROJAN
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840802 136 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	340	0.6	18.2 +-	.5 ;	2.7	12.9 +-	.8 ;	3.8	
002	334	1.5	20.9 +-	.6 ;	3.1	15.7 +-	.9 ;	4.2	
003	340	1.7	18.0 +-	.5 ;	2.7	12.7 +-	.8 ;	3.8	
004	328	3.9	19.2 +-	.6 ;	2.9	14.0 +-	.8 ;	4.0	
005	308	4.6	21.1 +-	.6 ;	3.2	15.9 +-	.9 ;	4.2	
006	312	4.5	20.9 +-	.6 ;	3.1	15.7 +-	.9 ;	4.2	
007	267	4.6	20.2 +-	.6 ;	3.0	15.0 +-	.9 ;	4.1	
008	274	3.8	21.3 +-	.6 ;	3.2	16.1 +-	.9 ;	4.2	
009	279	1.7	20.8 +-	.6 ;	3.1	15.6 +-	.9 ;	4.1	
010	263	2.0	20.6 +-	.6 ;	3.1	15.4 +-	.9 ;	4.1	
011	245	1.6	23.4 +-	.7 ;	3.5	18.4 +-	.9 ;	4.5	
012	223	1.2	23.0 +-	.7 ;	3.4	17.9 +-	.9 ;	4.4	
013	196	1.1	22.2 +-	.7 ;	3.3	17.1 +-	.9 ;	4.3	
014	180	1.2	19.4 +-	.6 ;	2.9	14.2 +-	.8 ;	4.0	
015	165	1.7	19.4 +-	.6 ;	2.9	14.2 +-	.8 ;	4.0	
016	212	3.9	21.6 +-	.6 ;	3.2	16.4 +-	.9 ;	4.2	
017	230	3.5	21.4 +-	.6 ;	3.2	16.3 +-	.9 ;	4.2	
018	162	9.3	28.8 +-	.9 ;	4.3	24.0 +-	1.1 ;	5.2	
019	172	5.0	22.4 +-	.7 ;	3.4	17.3 +-	.9 ;	4.4	
020	334	5.0	19.8 +-	.6 ;	3.0	14.6 +-	.8 ;	4.0	
021	345	5.0	19.4 +-	.6 ;	2.9	14.2 +-	.8 ;	4.0	
022	356	5.5	19.7 +-	.6 ;	2.9	14.5 +-	.8 ;	4.0	
023	8	3.9	18.9 +-	.6 ;	2.8	13.6 +-	.8 ;	3.9	
024	15	3.7	19.2 +-	.6 ;	2.9	13.9 +-	.8 ;	4.0	
025	27	1.9	18.6 +-	.6 ;	2.8	13.4 +-	.8 ;	3.9	
026	37	2.1	21.1 +-	.6 ;	3.2	15.9 +-	.9 ;	4.2	
027	60	2.9	MISSING OR DAMAGED DOSIMETER						
028	55	4.5	20.2 +-	.6 ;	3.0	15.0 +-	.9 ;	4.1	
029	69	1.6	MISSING OR DAMAGED DOSIMETER						
030	83	3.9	18.8 +-	.6 ;	2.8	13.6 +-	.8 ;	3.9	
031	93	2.7	21.6 +-	.6 ;	3.2	16.4 +-	.9 ;	4.2	
032	119	2.2	21.9 +-	.7 ;	3.3	16.8 +-	.9 ;	4.3	
033	106	5.3	18.7 +-	.6 ;	2.8	13.4 +-	.8 ;	3.9	
034	134	2.5	18.7 +-	.6 ;	2.8	13.4 +-	.8 ;	3.9	
035	145	4.7	18.8 +-	.6 ;	2.8	13.5 +-	.8 ;	3.9	
036	270	17.	21.7 +-	.7 ;	3.3	16.6 +-	.9 ;	4.3	
037	270	17.	20.8 +-	.6 ;	3.1	15.7 +-	.9 ;	4.2	
038	270	17.	22.4 +-	.7 ;	3.4	17.3 +-	.9 ;	4.4	
TRANSIT DOSE =	5.8	+- .6 ; 2.5							

TROJAN
FOR THE PERIOD 840320-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.0 +- .8	2
11.25-33.75 (NNE)	13.6 +- .4	2
33.75-56.25 (NE)	15.5 +- .7	2
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	15.0 +- 2.0	2
101.25-123.75(ESE)	15.1 +- 2.4	2
123.75-146.25(SE)	13.5 +- .1	2
146.25-168.75(SSE)	19.1 +- 6.9	2
168.75-191.25(S)	15.8 +- 2.2	2
191.25-213.75(SSW)	16.8 +- .5	2
213.75-236.25(SW)	17.1 +- 1.1	2
236.25-258.75(WSW)	18.4 +- 0.0	1
258.75-281.25(W)	15.5 +- .5	4
281.25-303.75(WNW)	NO DATA+-NO DATA	0
303.75-326.25(NW)	15.8 +- .1	2
326.25-348.75(NNW)	14.0 +- 1.1	6

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.2 +- 2.0	11
2-5	15.2 +- 1.3	17
>5	16.1 +- 4.4	5
UPWIND CONTROL DATA	16.5 +- .8	3

TURKEY POINT
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840322-840710 111 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	310 1.3	13.6 +- .4 ; 2.0	11.1 +- .6 ; 2.9
002	292 2.4	13.7 +- .4 ; 2.0	11.1 +- .6 ; 2.9
003	340 1.9	13.7 +- .4 ; 2.1	11.2 +- .6 ; 2.9
004	354 2.0	14.6 +- .4 ; 2.2	12.1 +- .6 ; 3.0
005	314 3.8	14.3 +- .4 ; 2.1	11.8 +- .6 ; 3.0
006	331 4.2	14.1 +- .4 ; 2.1	11.5 +- .6 ; 2.9
007	291 5.4	14.2 +- .4 ; 2.1	11.7 +- .6 ; 2.9
008	263 5.1	14.1 +- .4 ; 2.1	11.5 +- .6 ; 2.9
009	242 5.7	13.8 +- .4 ; 2.1	11.2 +- .6 ; 2.9
010	234 6.2	MISSING OR DAMAGED DOSIMETER	
011	220 6.2	13.0 +- .4 ; 1.9	10.4 +- .6 ; 2.8
012	213 6.9	MISSING OR DAMAGED DOSIMETER	
013	199 10.	14.1 +- .4 ; 2.1	11.6 +- .6 ; 2.9
014	190 10.	14.3 +- .4 ; 2.1	11.8 +- .6 ; 3.0
015	180 10.	15.1 +- .5 ; 2.3	12.7 +- .7 ; 3.1
016	171 10.	15.0 +- .5 ; 2.3	12.6 +- .6 ; 3.0
017	165 9.0	15.0 +- .5 ; 2.2	12.5 +- .6 ; 3.0
018	203 16.	14.4 +- .4 ; 2.2	11.9 +- .6 ; 3.0
019	203 16.	13.3 +- .4 ; 2.0	10.7 +- .6 ; 2.8
020	203 16.	15.2 +- .5 ; 2.3	12.8 +- .7 ; 3.1
021	268 8.7	12.8 +- .4 ; 1.9	10.2 +- .6 ; 2.8
022	256 8.0	13.9 +- .4 ; 2.1	11.4 +- .6 ; 2.9
023	275 9.0	14.1 +- .4 ; 2.1	11.6 +- .6 ; 2.9
024	285 9.0	14.9 +- .4 ; 2.2	12.4 +- .6 ; 3.0
025	293 8.7	16.0 +- .5 ; 2.4	13.6 +- .7 ; 3.2
026	301 8.4	15.0 +- .4 ; 2.2	12.5 +- .6 ; 3.0
027	311 8.3	MISSING OR DAMAGED DOSIMETER	
028	327 8.2	16.3 +- .5 ; 2.4	13.9 +- .7 ; 3.2
029	339 9.3	15.5 +- .5 ; 2.3	13.0 +- .7 ; 3.1
030	350 8.7	15.3 +- .5 ; 2.3	12.9 +- .7 ; 3.1
031	359 9.9	14.5 +- .4 ; 2.2	12.0 +- .6 ; 3.0
032	2 / 18.	15.4 +- .5 ; 2.3	12.9 +- .7 ; 3.1
033	12/ 21.	15.1 +- .5 ; 2.3	12.7 +- .7 ; 3.1
034	18/ 24.	15.7 +- .5 ; 2.3	13.2 +- .7 ; 3.1
035	28/ 22.	15.1 +- .5 ; 2.3	12.7 +- .7 ; 3.1
036	15 0.3	14.1 +- .4 ; 2.1	11.6 +- .6 ; 2.9
037	228 0.5	15.7 +- .5 ; 2.4	13.3 +- .7 ; 3.1
TRANSIT DOSE =		3.1 +- .4 ; 1.8	

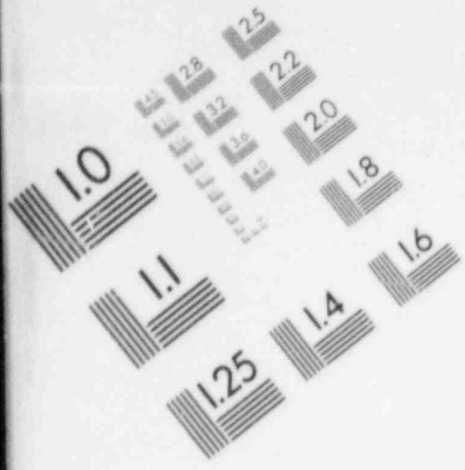
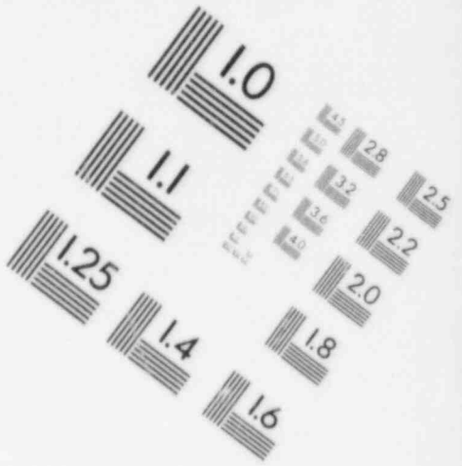
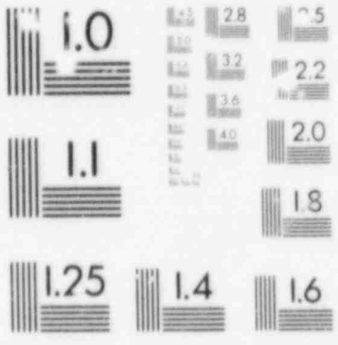
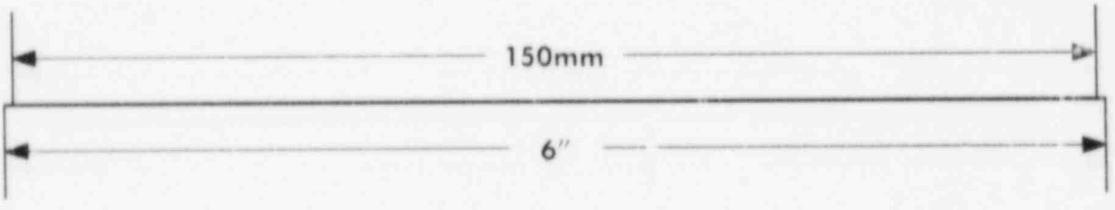
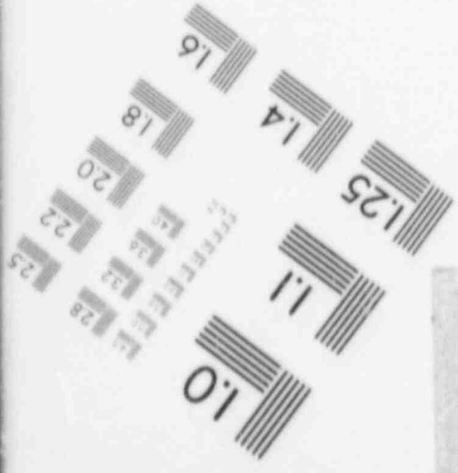


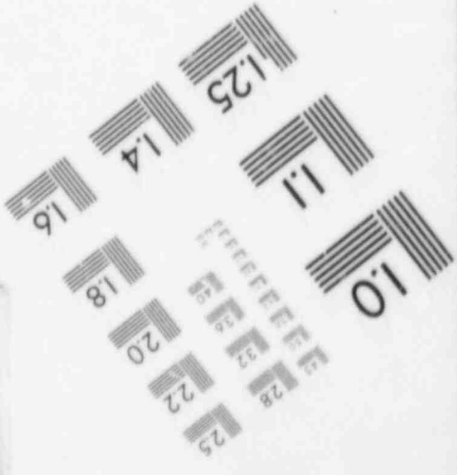
IMAGE EVALUATION TEST TARGET (MT-3)











TURKEY POINT
FOR THE PERIOD 840322-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.5 +- .5	4
11.25-33.75 (NNE)	12.5 +- .7	4
33.75-56.25 (NE)	NO DATA+-NO DATA	0
56.25-78.75 (ENE)	NO DATA+-NO DATA	0
78.75-101.25 (E)	NO DATA+-NO DATA	0
101.25-123.75(ESE)	NO DATA+-NO DATA	0
123.75-146.25(SE)	NO DATA+-NO DATA	0
146.25-168.75(SSE)	12.5 +- 0.0	1
168.75-191.25(S)	12.3 +- .5	3
191.25-213.75(SSW)	11.6 +- 0.0	1
213.75-236.25(SW)	11.8 +- 2.1	2
236.25-258.75(WSW)	11.3 +- .1	2
258.75-281.25(W)	11.1 +- .8	3
281.25-303.75(WNW)	12.3 +- .9	5
303.75-326.25(NW)	11.4 +- .5	2
326.25-348.75(NNW)	12.4 +- 1.3	4

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	11.8 +- .9	5
2-5	11.5 +- .3	3
>5	12.2 +- .9	23
UPWIND CONTROL DATA	11.8 +- 1.0	3

VERMONT YANKEE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840323-840705 105 DAYS
FIELD TIME 31 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
002	158	1	MISSING OR DAMAGED DOSIMETER	
003	184	1.3	16.2 +- .5 ; 2.4	14.6 +- 1.9 ; 9.4
004	201	1.4	16.6 +- .5 ; 2.5	15.9 +- 1.9 ; 9.5
005	220	1.6	16.6 +- .5 ; 2.5	15.7 +- 1.9 ; 9.5
006	157	3.4	16.9 +- .5 ; 2.5	15.6 +- 1.9 ; 9.6
007	189	4.9	16.1 +- .5 ; 2.4	14.4 +- 1.9 ; 9.4
008	201	13.	17.3 +- .5 ; 2.6	17.8 +- 2.0 ; 9.7
009	208	5.8	16.9 +- .5 ; 2.5	16.6 +- 1.9 ; 9.6
010	232	3.7	17.6 +- .5 ; 2.6	18.6 +- 2.0 ; 9.8
011	277	2.9	16.4 +- .5 ; 2.5	15.1 +- 1.9 ; 9.4
012	292	1.4	16.8 +- .5 ; 2.5	16.4 +- 1.9 ; 9.6
013	314	1.4	16.8 +- .5 ; 2.5	16.3 +- 1.9 ; 9.6
014	310	4.2	16.7 +- .5 ; 2.5	15.9 +- 1.9 ; 9.5
015	299	4.3	16.7 +- .5 ; 2.5	16.2 +- 1.9 ; 9.6
016	270	4.5	16.2 +- .5 ; 2.4	14.6 +- 1.9 ; 9.4
017	331	5	16.6 +- .5 ; 2.5	15.9 +- 1.9 ; 9.5
018	290	18.	17.7 +- .5 ; 2.6	18.9 +- 2.0 ; 9.9
019	290	18.	17.5 +- .5 ; 2.6	18.3 +- 2.0 ; 9.8
020	290	18.	17.4 +- .5 ; 2.6	18.0 +- 2.0 ; 9.8
021	359	3.2	16.9 +- .5 ; 2.5	16.6 +- 1.9 ; 9.6
023	334	2.2	16.8 +- .5 ; 2.5	16.3 +- 1.9 ; 9.6
024	4	.9	16.1 +- .5 ; 2.4	14.4 +- 1.9 ; 9.4
025	30	1	16.9 +- .5 ; 2.5	16.6 +- 1.9 ; 9.6
026	72	1.5	16.1 +- .5 ; 2.4	14.3 +- 1.9 ; 9.3
027	44	.7	16.5 +- .5 ; 2.5	15.4 +- 1.9 ; 9.5
028	39	2.8	16.9 +- .5 ; 2.5	16.6 +- 1.9 ; 9.6
029	25	3.8	17.4 +- .5 ; 2.6	18.2 +- 2.0 ; 9.8
030	72	2.7	16.9 +- .5 ; 2.5	16.6 +- 1.9 ; 9.6
031	85	2.	16.2 +- .5 ; 2.4	14.7 +- 1.9 ; 9.4
032	111	1.8	16.2 +- .5 ; 2.4	14.7 +- 1.9 ; 9.4
033	134	4	16.4 +- .5 ; 2.5	15.3 +- 1.9 ; 9.5
034	151	6	16.1 +- .5 ; 2.4	14.4 +- 1.9 ; 9.4
035	111	4.3	18.7 +- .5 ; 2.8	22.0 +- 2.1 ; 10.2
036	92	4.7	17.3 +- .5 ; 2.6	17.9 +- 2.0 ; 9.8
037	50	15	17.9 +- .5 ; 2.7	19.6 +- 2.0 ; 10.0
039	222	.3	17.5 +- .5 ; 2.6	18.3 +- 2.0 ; 9.8
040	250	3	17.3 +- .5 ; 2.6	17.8 +- 2.0 ; 9.7
TRANSIT DOSE =			11.1 +- .4 ; 2.1	

VERMONT YANKEE
FOR THE PERIOD 840323-840705

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.5 +- 1.5	2
11.25-33.75 (NNE)	17.4 +- 1.1	2
33.75-56.25 (NE)	19.6 +- 0.0	1
56.25-78.75 (ENE)	16.6 +- 0.0	1
78.75-101.25 (E)	16.3 +- 2.3	2
101.25-123.75(ESE)	18.3 +- 5.1	2
123.75-146.25(SE)	15.3 +- 0.0	1
146.25-168.75(SSE)	15.5 +- 1.5	2
168.75-191.25(S)	14.5 +- .1	2
191.25-213.75(SSW)	16.7 +- 1.0	3
213.75-236.25(SW)	17.6 +- 1.6	3
236.25-258.75(WSW)	17.8 +- 0.0	1
258.75-281.25(W)	14.8 +- .4	2
281.25-303.75(WNW)	17.6 +- 1.2	5
303.75-326.25(NW)	16.2 +- .2	2
326.25-348.75(NNW)	16.1 +- .3	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	15.8 +- 1.2	10
2-5	16.7 +- 1.9	16
>5	17.7 +- 1.7	7
UPWIND CONTROL DATA	15.4 +- 1.2	3

WASHINGTON NUCLEAR 2
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840712 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	174	12.	20.5 +-	.6	3.1	17.4 +-	.7	3.5
002	163	11.	20.9 +-	.6	3.1	17.8 +-	.8	3.6
003	161	9.0	20.2 +-	.6	3.0	17.1 +-	.7	3.5
004	152	5.0	21.4 +-	.6	3.2	18.2 +-	.8	3.6
005	195	2.0	21.2 +-	.6	3.2	18.1 +-	.8	3.6
006	220	1.5	21.8 +-	.7	3.3	18.6 +-	.8	3.7
007	92	3.0	21.2 +-	.6	3.2	18.0 +-	.8	3.6
008	155	1.0	20.1 +-	.6	3.0	17.0 +-	.7	3.5
009	130	0.5	20.7 +-	.6	3.1	17.6 +-	.7	3.6
010	70	0.5	20.8 +-	.6	3.1	17.6 +-	.7	3.6
011	25	0.5	21.0 +-	.6	3.2	17.9 +-	.8	3.6
012	315	0.5	21.7 +-	.6	3.2	18.5 +-	.8	3.7
013	290	0.5	21.9 +-	.7	3.3	18.7 +-	.8	3.7
014	270	0.5	20.2 +-	.6	3.0	17.1 +-	.7	3.5
015	245	1.0	21.2 +-	.6	3.2	18.1 +-	.8	3.6
016	285	3.0	21.5 +-	.6	3.2	18.3 +-	.8	3.6
017	240	4.0	18.9 +-	.6	2.9	15.8 +-	.7	3.3
018	198	7.0	19.5 +-	.6	2.9	16.4 +-	.7	3.4
019	173	8.5	20.9 +-	.7	3.1	17.8 +-	.8	3.6
020	150	20.	22.4 +-	.7	3.4	19.2 +-	.8	3.8
021	114	7.0	21.5 +-	.6	3.2	18.3 +-	.8	3.6
022	120	8.0	19.9 +-	.6	3.0	16.8 +-	.7	3.5
023	134	6.0	23.2 +-	.7	3.5	20.0 +-	.9	3.8
024	110	4.0	25.3 +-	.8	3.9	21.9 +-	.9	4.1
025	85	5.0	21.0 +-	.6	3.1	17.8 +-	.8	3.6
026	65	5.0	23.4 +-	.7	3.5	20.1 +-	.8	3.9
027	53	4.0	20.4 +-	.6	3.1	17.3 +-	.8	3.5
028	44	8.0	21.6 +-	.6	3.2	18.4 +-	.8	3.7
029	33	10.	19.4 +-	.6	2.9	16.4 +-	.7	3.4
030	8	9.5	23.3 +-	.7	3.5	20.0 +-	.8	3.9
031	215	15.	20.1 +-	.6	3.0	17.0 +-	.7	3.5

TRANSIT DOSE = 2.1 +- .5 ; 2.1

WASHINGTON NUCLEAR 2
FOR THE PERIOD 840320-840712

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	20.0 +- 0.0	1
11.25-33.75 (NNE)	17.1 +- 1.1	2
33.75-56.25 (NE)	17.8 +- .8	2
56.25-78.75 (ENE)	18.9 +- 1.7	2
78.75-101.25 (E)	17.9 +- .1	2
101.25-123.75(ESE)	19.0 +- 2.6	3
123.75-146.25(SE)	18.8 +- 1.7	2
146.25-168.75(SSE)	17.9 +- .9	5
168.75-191.25(S)	17.8 +- 0.0	1
191.25-213.75(SSW)	17.2 +- 1.2	2
213.75-236.25(SW)	18.6 +- 0.0	1
236.25-258.75(WSW)	16.9 +- 1.6	2
258.75-281.25(W)	17.1 +- 0.0	1
281.25-303.75(WNW)	18.5 +- .3	2
303.75-326.25(NW)	18.5 +- 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.) +-Std.Dev.	# IN GROUP
0-2	17.9 +- .6	10
2-5	18.4 +- 1.8	8
>5	18.0 +- 1.3	11
UPWIND CONTROL DATA	17.2 +- .3	2

WATERFORD
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840320-840802 136 DAYS
FIELD TIME 98 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	101	0.4	22.3 +- .7 ; 3.3	17.4 +- .8 ; 3.6
002	116	1.1	21.7 +- .6 ; 3.2	16.8 +- .7 ; 3.6
003	132	1.3	21.4 +- .6 ; 3.2	16.6 +- .7 ; 3.5
004	160	1.8	MISSING OR DAMAGED DOSIMETER	
005	183	1.4	19.3 +- .6 ; 2.9	14.6 +- .7 ; 3.3
006	202	1.2	MISSING OR DAMAGED DOSIMETER	
007	226	1.2	19.9 +- .6 ; 3.0	15.2 +- .7 ; 3.4
008	248	1.3	22.7 +- .7 ; 3.4	17.7 +- .8 ; 3.7
009	265	1.9	21.1 +- .6 ; 3.2	16.3 +- .7 ; 3.5
010	186	4.2	22.1 +- .7 ; 3.3	17.2 +- .8 ; 3.6
011	315	4.4	21.1 +- .6 ; 3.2	16.3 +- .7 ; 3.5
012	328	4.1	22.6 +- .7 ; 3.4	17.6 +- .8 ; 3.7
013	309	0.8	21.7 +- .7 ; 3.3	16.8 +- .7 ; 3.6
014	273	0.9	25.2 +- .8 ; 3.8	20.1 +- .8 ; 4.0
015	292	0.8	23.0 +- .7 ; 3.4	18.0 +- .8 ; 3.7
016	335	0.5	17.5 +- .5 ; 2.6	13.0 +- .7 ; 3.1
017	120	4.3	18.1 +- .5 ; 2.7	13.5 +- .7 ; 3.2
018	145	3.5	MISSING OR DAMAGED DOSIMETER	
019	153	8.1	22.0 +- .7 ; 3.3	17.1 +- .7 ; 3.6
020	133	8.1	21.7 +- .7 ; 3.3	16.8 +- .7 ; 3.6
021	116	6.7	19.2 +- .6 ; 2.9	14.5 +- .7 ; 3.3
022	95	4.3	20.8 +- .6 ; 3.1	16.0 +- .7 ; 3.5
023	86	2.6	20.0 +- .6 ; 3.0	15.3 +- .7 ; 3.4
024	66	4.2	23.3 +- .7 ; 3.5	18.3 +- .8 ; 3.8
025	37	3.5	21.7 +- .7 ; 3.3	16.8 +- .7 ; 3.6
026	23	3.8	19.5 +- .6 ; 2.9	14.8 +- .7 ; 3.3
027	350	4.9	20.7 +- .6 ; 3.1	15.9 +- .7 ; 3.5
028	335	5.0	20.7 +- .6 ; 3.1	15.9 +- .7 ; 3.5
029	6	2.8	18.1 +- .5 ; 2.7	13.5 +- .7 ; 3.2
030	356	1.1	19.1 +- .6 ; 2.9	14.5 +- .7 ; 3.3
031	15	0.8	23.1 +- .7 ; 3.5	18.1 +- .8 ; 3.7
032	40	0.8	17.9 +- .5 ; 2.7	13.4 +- .7 ; 3.2
033	69	1.1	MISSING OR DAMAGED DOSIMETER	
034	292	15.	21.7 +- .7 ; 3.3	16.8 +- .7 ; 3.6
035	282	27.	21.1 +- .6 ; 3.2	16.3 +- .7 ; 3.5
036	268	21.	19.2 +- .6 ; 2.9	14.5 +- .7 ; 3.3
TRANSIT DOSE =	3.4	+- .5 ; 2.1		

WATERFORD
FOR THE PERIOD 840320-840802

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	14.6 +- 1.2	3
11.25-33.75 (NNE)	16.5 +- 2.4	2
33.75-56.25 (NE)	15.1 +- 2.5	2
56.25-78.75 (ENE)	18.3 +- 0.0	1
78.75-101.25 (E)	16.2 +- 1.1	3
101.25-123.75(ESE)	14.9 +- 1.7	3
123.75-146.25(SE)	16.7 +- .2	2
146.25-168.75(SSE)	17.1 +- 0.0	1
168.75-191.25(S)	15.9 +- 1.8	2
191.25-213.75(SSW)	NO DATA+-NO DATA	0
213.75-236.25(SW)	15.2 +- 0.0	1
236.25-258.75(WSW)	17.7 +- 0.0	1
258.75-281.25(W)	18.2 +- 2.7	2
281.25-303.75(WNW)	18.0 +- 0.0	1
303.75-326.25(NW)	16.6 +- .4	2
326.25-348.75(NNW)	15.5 +- 2.3	3

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.3 +- 2.0	14
2-5	15.9 +- 1.5	12
>5	16.1 +- 1.4	3
UPWIND CONTROL DATA	15.9 +- 1.2	3

WATTS BAR
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840321-840710 112 DAYS
FIELD TIME 71 DAYS

NRC STATION	LOCATION AZIMUTH/DIST (deg.)	(mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	337	0.9	18.8 +- .6 ; 2.8	NO NET DATA
002	314	2.1	18.8 +- .6 ; 2.8	NO NET DATA
003	297	1.9	19.8 +- .6 ; 3.0	NO NET DATA
004	272	2.0	19.6 +- .6 ; 2.9	NO NET DATA
005	251	1.9	20.3 +- .6 ; 3.0	NO NET DATA
006	235	1.8	22.2 +- .7 ; 3.3	NO NET DATA
007	230	3.8	22.1 +- .7 ; 3.3	NO NET DATA
008	208	3.6	20.4 +- .6 ; 3.1	NO NET DATA
009	249	4.2	18.9 +- .6 ; 2.8	NO NET DATA
010	266	3.1	17.2 +- .5 ; 2.6	NO NET DATA
011	289	3.3	17.1 +- .5 ; 2.6	NO NET DATA
012	310	4.7	17.7 +- .5 ; 2.6	NO NET DATA
013	337	3.6	17.4 +- .5 ; 2.6	NO NET DATA
014	330	7.0	17.7 +- .5 ; 2.7	NO NET DATA
015	350	4.7	20.6 +- .6 ; 3.1	NO NET DATA
016	7	1.1	21.0 +- .6 ; 3.2	NO NET DATA
017	23	1.6	MISSING OR DAMAGED DOSIMETER	
018	41	2.3	19.0 +- .6 ; 2.8	NO NET DATA
019	69	1.3	19.4 +- .6 ; 2.9	NO NET DATA
020	89	1.2	22.4 +- .7 ; 3.4	NO NET DATA
021	114	1.1	18.1 +- .5 ; 2.7	NO NET DATA
022	141	1.0	18.3 +- .5 ; 2.7	NO NET DATA
023	163	1.1	23.5 +- .7 ; 3.5	NO NET DATA
024	187	1.1	19.0 +- .6 ; 2.8	NO NET DATA
025	203	1.2	20.5 +- .6 ; 3.1	NO NET DATA
026	184	5.9	18.2 +- .5 ; 2.7	NO NET DATA
027	176	4.5	19.1 +- .6 ; 2.9	NO NET DATA
028	161	3.5	17.5 +- .5 ; 2.6	NO NET DATA
029	144	3.0	19.7 +- .6 ; 2.9	NO NET DATA
030	117	3.1	18.1 +- .5 ; 2.7	NO NET DATA
031	97	4.0	18.9 +- .6 ; 2.8	NO NET DATA
032	76	4.1	MISSING OR DAMAGED DOSIMETER	
033	32	4.1	19.6 +- .6 ; 2.9	NO NET DATA
034	36	4.7	16.9 +- .5 ; 2.5	NO NET DATA
035	338	18.	17.6 +- .5 ; 2.6	NO NET DATA
036	338	18.	20.4 +- .6 ; 3.1	NO NET DATA
037	338	18.	19.4 +- .6 ; 2.9	NO NET DATA

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

WATTS BAR
FOR THE PERIOD 840321-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	16.7 +- .3	2
11.25-33.75 (NNE)	15.7 +- 0.0	1
33.75-56.25 (NE)	14.4 +- 1.2	2
56.25-78.75 (ENE)	15.6 +- 0.0	1
78.75-101.25 (E)	16.6 +- 2.0	2
101.25-123.75(ESE)	14.5 +- .0	2
123.75-146.25(SE)	15.2 +- .8	2
146.25-168.75(SSE)	16.5 +- 3.4	2
168.75-191.25(S)	15.1 +- .4	3
191.25-213.75(SSW)	16.4 +- .1	2
213.75-236.25(SW)	17.8 +- .1	2
236.25-258.75(WSW)	15.7 +- .8	2
258.75-281.25(W)	14.7 +- 1.4	2
281.25-303.75(WNW)	14.8 +- 1.6	2
303.75-326.25(NW)	14.6 +- .6	2
326.25-348.75(NNW)	14.4 +- .6	3

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	16.2 +- 1.3	13
2-5	15.1 +- 1.2	17
>5	14.4 +- .3	2
UPWIND CONTROL DATA	15.4 +- 1.1	3

WOLF CR.
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840719 116 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	316	2.9	24.2 +-	.7	3.6	NO NET DATA
002	330	1.8	22.8 +-	.7	3.4	NO NET DATA
003	360	2.8	23.4 +-	.7	3.5	NO NET DATA
004	355	1.6	23.5 +-	.7	3.5	NO NET DATA
005	031	1.8	22.5 +-	.7	3.4	NO NET DATA
006	047	2	21.5 +-	.6	3.2	NO NET DATA
007	70	1.6	22.1 +-	.7	3.3	NO NET DATA
008	90	1.7	22.4 +-	.7	3.4	NO NET DATA
009	111	2.4	24.3 +-	.7	3.5	NO NET DATA
010	137	2.5	23.7 +-	.7	3.6	NO NET DATA
011	157	3.4	24.3 +-	.7	3.6	NO NET DAT
012	184	3.3	23.7 +-	.7	3.6	NO NET DATA
013	213	2.9	24.4 +-	.7	3.7	NO NET DATA
014	233	2.4	23.2 +-	.7	3.5	NO NET DATA
015	248	2.2	23.3 +-	.7	3.5	NO NET DATA
016	278	2.1	22.8 +-	.7	3.4	NO NET DATA
017	270	3.4	19.2 +-	.6	2.9	NO NET DATA
018	263	4.2	25.7 +-	.8	3.9	NO NET DATA
020	280	3.9	20.9 +-	.6	3.1	NO NET DATA
021	298	3.9	23.7 +-	.7	3.5	NO NET DATA
022	319	4.8	24.6 +-	.7	3.7	NO NET DATA
023	332	5	22.1 +-	.7	3.3	NO NET DATA
024	019	3.9	23.5 +-	.7	3.5	NO NET DATA
025	35	4.4	20.0 +-	.6	3.0	NO NET DATA
026	67	4.3	22.1 +-	.7	3.3	NO NET DATA
027	88	4.1	MISSING OR DAMAGED DOSIMETER			
028	110	4.5	23.2 +-	.7	3.5	NO NET DATA
029	128	4.4	23.8 +-	.7	3.5	NO NET DATA
030	112	16.	21.1 +-	.6	3.2	NO NET DATA
031	127	9.4	21.1 +-	.6	3.2	NO NET DATA
032	162	11.	22.7 +-	.7	3.4	NO NET DATA
033	153	5.2	23.7 +-	.7	3.6	NO NET DATA
034	174	4.7	23.4 +-	.7	3.5	NO NET DATA
035	197	5.2	24.5 +-	.7	3.7	NO NET DATA
036	224	4.8	MISSING OR DAMAGED DOSIMETER			
037	220	14.	18.3 +-	.5	2.7	NO NET DATA
038	253	6.5	13.1 +-	.4	2.0	NO NET DATA
039	278	10.	22.7 +-	.7	3.4	NO NET DATA
040	285	15.	20.3 +-	.6	3.0	NO NET DATA
041	292	6.7	22.0 +-	.7	3.3	NO NET DATA
042	345	13.	24.4 +-	.7	3.7	NO NET DATA
043	005	7.5	22.8 +-	.7	3.4	NO NET DATA
044	020	8.3	23.6 +-	.7	3.5	NO NET DATA
045	315	7.5	25.4 +-	.8	3.8	NO NET DATA
046	341	7.7	22.4 +-	.7	3.4	NO NET DATA
047	355	1	22.6 +-	.7	3.4	NO NET DATA

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

WOLF CR.
FOR THE PERIOD 840326-840719

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std Dev.	# IN GROUP
348.75-11.25 (N)	17.9 +- .3	4
11.25-33.75 (NNE)	18.0 +- .5	3
33.75-56.25 (NE)	16.1 +- .8	2
56.25-78.75 (ENE)	17.1 +- 0.0	2
78.75-101.25 (E)	17.3 +- 0.0	1
101.25-123.75(ESE)	17.7 +- 1.0	3
123.75-146.25(SE)	17.7 +- 1.2	3
146.25-168.75(SSE)	18.3 +- .6	3
168.75-191.25(S)	18.3 +- .2	2
191.25-213.75(SSW)	18.9 +- .1	2
213.75-236.25(SW)	16.1 +- 2.7	2
236.25-258.75(WSW)	14.1 +- 5.6	2
258.75-281.25(W)	17.3 +- 1.9	5
281.25-303.75(WNW)	17.0 +- 1.3	3
303.75-326.25(NW)	19.2 +- .5	3
326.25-348.75(NNW)	17.7 +- .8	4

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.4 +- .5	7
2-5	18.0 +- 1.2	22
>5	16.9 +- 2.3	15
UPWIND CONTROL DATA	NO DATA	NO DATA

YANKEE ROWE
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840326-840710 107 DAYS
FIELD TIME 79 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm; Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm; Tot.
001	0	.8	MISSING OR DAMAGED DOSIMETER	
005	85	2.2	17.4 +- .5 ; 2.6	13.5 +- .8 ; 3.7
006	118	2.6	18.1 +- .5 ; 2.7	14.3 +- .8 ; 3.8
007	137	2.1	20.6 +- .6 ; 3.1	17.2 +- .9 ; 4.2
008	153	1.7	19.1 +- .6 ; 2.9	15.5 +- .8 ; 4.0
009	176	1.1	22.2 +- .7 ; 3.3	19.0 +- .9 ; 4.4
010	203	.5	19.3 +- .6 ; 2.9	15.7 +- .8 ; 4.0
011	219	.6	20.0 +- .6 ; 3.0	16.5 +- .9 ; 4.1
012	239	1.1	22.0 +- .7 ; 3.3	18.8 +- .9 ; 4.4
013	272	1.8	MISSING OR DAMAGED DOSIMETER	
014	290	1.3	21.1 +- .6 ; 3.2	17.8 +- .9 ; 4.3
015	315	1.6	21.2 +- .6 ; 3.2	17.9 +- .9 ; 4.3
016	348	1.4	20.0 +- .6 ; 3.0	16.5 +- .9 ; 4.1
017	358	2.8	19.0 +- .6 ; 2.8	15.3 +- .8 ; 4.0
018	21	2.8	MISSING OR DAMAGED DOSIMETER	
019	43	5.8	19.4 +- .6 ; 2.9	15.9 +- .8 ; 4.0
020	75	6.6	20.4 +- .6 ; 3.1	16.9 +- .9 ; 4.2
021	98	6.6	17.9 +- .5 ; 2.7	14.1 +- .8 ; 3.8
022	104	5.2	17.1 +- .5 ; 2.6	13.2 +- .8 ; 3.7
023	133	5.7	16.5 +- .5 ; 2.5	12.6 +- .8 ; 3.6
024	157	7.5	18.0 +- .5 ; 2.7	14.3 +- .8 ; 3.8
025	184	6.3	20.4 +- .6 ; 3.1	17.0 +- .9 ; 4.2
027	225	3.9	20.3 +- .6 ; 3.0	16.9 +- .9 ; 4.2
029	269	3.5	19.4 +- .6 ; 2.9	15.9 +- .8 ; 4.0
032	342	3.3	20.1 +- .6 ; 3.0	16.7 +- .9 ; 4.1
034	48	2.3	20.2 +- .6 ; 3.0	16.8 +- .9 ; 4.1
035	39	2.3	18.0 +- .5 ; 2.7	14.3 +- .8 ; 3.8
047	260	9.6	19.3 +- .6 ; 2.9	15.7 +- .8 ; 4.0
048	261	9	23.3 +- .7 ; 3.5	20.2 +- 1.0 ; 4.6
TRANSIT DOSE = 5.5 +- .5 ; 2.0				

YANKEE ROWE
FOR THE PERIOD 840326-840710

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	NET AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	15.3 +- 0.0	1
11.25-33.75 (NNE)	NO DATA+-NO DATA	0
33.75-56.25 (NE)	15.6 +- 1.3	3
56.25-78.75 (ENE)	16.9 +- 0.0	1
78.75-101.25 (E)	13.8 +- .4	2
101.25-123.75(ESE)	13.8 +- .8	2
123.75-146.25(SE)	14.9 +- 3.3	2
146.25-168.75(SSE)	14.9 +- .9	2
168.75-191.25(S)	18.0 +- 1.4	2
191.25-213.75(SSW)	15.7 +- 0.0	1
213.75-236.25(SW)	16.7 +- .2	2
236.25-258.75(WSW)	18.8 +- 0.0	1
258.75-281.25(W)	15.9 +- 0.0	1
281.25-303.75(WNW)	17.8 +- 0.0	1
303.75-326.25(NW)	17.9 +- 0.0	1
326.25-348.75(NNW)	16.6 +- .1	2

DISTANCE(mi) FROM THE REACTOR	NET AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	17.2 +- 1.3	8
2-5	15.3 +- 1.3	7
>5	15.3 +- 1.8	9
UPWIND CONTROL DATA	18.0 +- 3.2	2

ZION
TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 840319-840813 148 DAYS
FIELD TIME 135 DAYS

NRC STATION	LOCATION AZIMUTH (deg.)	LOCATION DIST (mi.)	GROSS EXPOSURE(mR) +- Rdm;Tot.	NET EXPOSURE RATE mR/Std.Qtr. +- Rdm;Tot.
001	287	1.0	MISSING OR DAMAGED DOSIMETER	
002	192	1.0	18.6 +- .6 ; 2.8	NO NET DATA
003	187	1.5	20.1 +- .6 ; 3.0	NO NET DATA
004	227	2.4	22.2 +- .7 ; 3.3	NO NET DATA
005	257	1.8	22.6 +- .7 ; 3.4	NO NET DATA
006	264	1.2	21.5 +- .6 ; 3.2	NO NET DATA
007	287	1.6	MISSING OR DAMAGED DOSIMETER	
008	320	1.8	20.0 +- .6 ; 3.0	NO NET DATA
009	343	2.6	21.4 +- .6 ; 3.2	NO NET DATA
010	356	4.5	MISSING OR DAMAGED DOSIMETER	
011	337	4.5	24.2 +- .7 ; 3.6	NO NET DATA
012	310	4.0	25.7 +- .8 ; 3.9	NO NET DATA
013	293	3.5	24.4 +- .7 ; 3.7	NO NET DATA
014	280	4.5	24.6 +- .7 ; 3.7	NO NET DATA
015	239	3.2	22.8 +- .7 ; 3.4	NO NET DATA
016	227	3.6	24.4 +- .7 ; 3.7	NO NET DATA
017	210	4.5	20.5 +- .6 ; 3.1	NO NET DATA
018	206	2.8	20.0 +- .6 ; 3.0	NO NET DATA
019	342	2.7	20.8 +- .6 ; 3.1	NO NET DATA
020	197	14.	26.6 +- .8 ; 4.0	NO NET DATA
021	352	7.9	20.1 +- .6 ; 3.0	NO NET DATA
022	348	8.3	20.6 +- .6 ; 3.1	NO NET DATA
023	336	6.5	21.4 +- .6 ; 3.2	NO NET DATA
024	314	5.8	MISSING OR DAMAGED DOSIMETER	
025	220	6.3	21.6 +- .6 ; 3.2	NO NET DATA
026	195	8.0	20.1 +- .6 ; 3.0	NO NET DATA
028	197	14.	26.1 +- .8 ; 3.9	NO NET DATA
030	320	9.8	23.6 +- .7 ; 3.5	NO NET DATA
031	229	8.0	22.7 +- .7 ; 3.4	NO NET DATA

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

ZION
FOR THE PERIOD 840319-840813

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING

AZIMUTH (deg.)	AVER. EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
348.75-11.25 (N)	12.2 +- 0.0	1
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)	12.2 +- 0.0	1
191.25-213.75(SSW)	12.0 +- .5	4
213.75-236.25(SW)	13.8 +- .7	4
236.25-258.75(WSW)	13.8 +- .1	2
258.75-281.25(W)	14.0 +- 1.4	2
281.25-303.75(WNW)	14.8 +- 0.0	1
303.75-326.25(NW)	14.0 +- 1.8	3
326.25-348.75(NNW)	13.2 +- .9	5

DISTANCE(mi) FROM THE REACTOR	AVER.EXPOSURE RATE (mR/Std.Qtr.) +-Std.Dev.	# IN GROUP
0-2	12.5 +- .9	5
2-5	13.9 +- 1.2	11
>5	13.0 +- .8	7
UPWIND CONTROL DATA	16.0 +- .2	2

NRC FORM 335 (2-84) NRCM 1102, 3201, 3202

U.S. NUCLEAR REGULATORY COMMISSION

BIBLIOGRAPHIC DATA SHEET

SEE INSTRUCTIONS ON THE REVERSE

1. REPORT NUMBER (Assigned by TIDC, add Vol. No., if any)
NUREG-0837
Vol. 4, No. 2

2. TITLE AND SUBTITLE
NRC TLD Direct Radiation Monitoring Report
Progress Report
April-June 1984

3. LEAVE BLANK

4. DATE REPORT COMPLETED
MONTH: November
YEAR: 1984

5. AUTHOR(S)
J. Jang, M. Kramaric, L. Cohen

6. DATE REPORT ISSUED
MONTH: November
YEAR: 1984

7. PERFORMING ORGANIZATION NAME AND MAILING ADDRESS (Include Zip Code)
Region I
U.S. Nuclear Regulatory Commission
King of Prussia, PA 19406

8. PROJECT/TASK/WORK UNIT NUMBER

9. FIN OR GRANT NUMBER

10. SPONSORING ORGANIZATION NAME AND MAILING ADDRESS (Include Zip Code)
Region I
U.S. Nuclear Regulatory Commission
King of Prussia, PA 19406

11a. TYPE OF REPORT
Quarterly

b. PERIOD COVERED (Inclusive dates)
April-June 1984

12. SUPPLEMENTARY NOTES

13. ABSTRACT (200 words or less)

This report provides the status and results of the NRC Thermoluminescent Dosimeter (TLD) Direct Radiation Monitoring Network. It presents the radiation levels measured in the vicinity of NRC licensed facility sites throughout the country for the second quarter of 1984.

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

16. SECURITY CLASSIFICATION
(This page)
Unclassified
(This report)
Unclassified

17. NUMBER OF PAGES

18. PRICE

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555