

TABLE 4. Winter SACTI Salt Deposition Results

1 \*\*\*\*\* PLUME SALT DEPOSITION TABLE (KG./ (KM.\*\*2-MO.)) \*\*\*\*\*

North Anna, Richmond (1998-2000), 44-Cell MDCT

SEASON=WINTER

DISTANCE FROM TOWER (M)	WIND FROM																ALL
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
	PLUME HEADED																AVG
	S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE	AVG
75.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.	.00	.00	.00	.00	3.24	.00	.00	.00	.00	.00	.00	.00	46.31	26.40	26.40	.00	6.40
125.	.00	.00	.00	.00	2.21	.00	.00	.00	.00	.00	.00	.00	36.22	20.32	20.32	.00	4.94
150.	.00	.00	.00	.00	2.21	.00	.00	.00	.00	.00	.00	.00	77.88	141.15	137.93	.00	34.95
175.	.00	.00	.00	.00	7.22	.00	.00	.00	.00	.00	.00	.00	216.22	115.33	114.05	.00	28.32
200.	.00	32.74	32.74	.00	11.50	.80	1.60	.00	.00	.00	.00	.00	57.04	91.82	90.02	.00	26.13
250.	.67	32.88	32.74	.00	4.61	1.58	4.87	.00	1.75	2.02	1.89	.00	98.25	55.76	54.17	.00	18.20
300.	1.24	31.50	31.32	.00	4.01	1.21	3.99	.00	3.02	3.87	3.21	.00	94.81	50.13	50.25	.00	17.41
350.	6.06	2.19	1.45	.00	3.01	1.23	2.40	.00	9.88	9.10	7.51	.71	35.18	19.01	18.14	.85	7.30
400.	21.03	9.97	6.76	.00	3.26	1.69	3.14	.50	27.06	26.25	23.68	3.11	10.19	7.24	6.45	1.62	9.50
450.	22.14	11.12	7.61	.00	4.37	2.34	4.41	.50	26.08	24.24	22.54	2.37	11.64	8.44	8.19	.89	9.80
500.	21.02	10.93	7.77	.00	4.04	2.47	4.86	.00	23.05	20.50	18.09	.00	8.62	6.61	7.23	.28	8.47
550.	8.88	5.06	3.56	.00	3.47	2.54	4.83	.00	7.51	6.19	5.96	.00	8.31	5.56	6.10	.21	4.26
600.	3.36	1.89	1.29	.02	3.70	2.65	4.92	.11	2.26	1.57	1.92	.31	8.27	5.50	5.94	.17	2.74
800.	2.21	1.04	1.07	.03	1.67	1.26	2.45	.21	1.00	.60	.44	.59	3.93	2.62	2.61	.31	1.38
900.	.88	.55	.38	.00	.04	.02	.06	.00	.59	.40	.20	.00	.05	.04	.07	.00	.20
1000.	.88	.55	.38	.00	.04	.02	.06	.04	.59	.40	.20	.05	.05	.04	.07	.00	.21
1250.	.88	.55	.38	.08	.04	.02	.06	.18	.59	.40	.20	.27	.05	.04	.07	.16	.25
1400.	.88	.55	.38	.35	.04	.02	.06	.64	.59	.40	.20	.88	.05	.04	.07	.84	.37
1525.	.88	.55	.38	.42	.04	.02	.06	.74	.59	.40	.20	.95	.05	.04	.07	1.03	.40

TABLE 3. SPRING SALINITY DEPOSITION

1. \*\*\*\*\* PLUME SALT DEPOSITION TABLE (KG./ (KM.\*\*2-MO.)) \*\*\*\*\*

North Anna, Richmond (1998-2000), 44-Cell MDCT

SEASON=SPRING

DISTANCE FROM TOWER (M)	WIND FROM																ALL
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
	PLUME HEADED																
	S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE	AVG
75.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.	.00	.00	.00	.00	10.86	.00	.00	.00	.00	.00	.00	.00	11.4	63.34	16.74	.00	12.84
125.	.00	.00	.00	.00	7.85	.00	.00	.00	.00	.00	.00	.00	89.72	49.53	12.77	.00	9.96
150.	.00	.00	.00	.00	34.26	7.35	14.44	.00	.00	.00	.00	.00	210.35	375.51	114.19	.00	79.13
175.	.00	.00	.00	.00	39.84	2.22	5.87	.00	.00	.00	.00	.00	560.69	303.39	87.21	.00	62.45
200.	1.92	.00	1.92	.00	38.21	.35	.01	.00	11.50	3.83	3.83	.00	372.17	207.75	55.74	.00	43.58
250.	6.79	1.93	3.03	.00	18.89	3.41	6.22	.00	17.00	8.78	8.26	.00	235.00	119.07	35.20	.00	28.97
300.	9.25	2.72	3.57	.59	16.48	3.98	10.91	.30	21.08	12.88	10.97	.89	225.97	122.34	36.03	.30	29.89
350.	13.80	6.80	5.47	1.83	9.49	2.27	4.33	.92	16.85	14.65	10.29	4.14	63.03	40.56	12.11	1.19	12.98
400.	32.28	17.25	13.42	2.45	7.67	3.29	5.15	2.03	34.73	37.50	30.24	14.26	8.49	5.55	5.09	4.15	13.97
450.	29.83	16.71	12.88	1.93	7.94	3.72	5.93	1.74	28.06	33.33	28.39	12.05	8.39	5.22	5.76	3.56	12.84
500.	24.32	14.27	10.42	1.37	5.53	3.25	4.95	.64	20.74	23.65	19.21	2.19	5.74	3.24	5.15	.64	9.08
550.	8.10	4.62	3.06	.13	4.12	3.33	4.45	.03	5.67	6.95	5.97	.29	6.16	2.95	4.44	.03	3.77
600.	2.54	1.59	.92	.23	4.28	3.42	4.16	.09	1.64	2.79	2.67	.19	5.80	2.50	4.12	.16	2.32
800.	1.38	.74	.38	.43	2.40	1.67	1.94	.17	.40	.37	.31	.34	3.09	1.39	2.09	.30	1.09
900.	.52	.32	.21	.01	.08	.03	.05	.01	.25	.17	.09	.02	.17	.04	.05	.01	.13
1000.	.52	.32	.21	.03	.08	.03	.05	.07	.25	.17	.09	.11	.13	.04	.05	.05	.14
1250.	.52	.32	.21	.16	.08	.03	.05	.22	.25	.17	.09	.26	.13	.04	.05	.21	.17
1400.	.52	.32	.21	.52	.08	.03	.05	.68	.25	.17	.09	.67	.13	.04	.05	.74	.28
1525.	.52	.32	.21	.59	.08	.03	.05	.76	.25	.17	.09	.72	.13	.04	.05	.85	.30

TABLE 6. Summer SACTI Salt Deposition Results

1 \*\*\*\*\* PLUME SALT DEPOSITION TABLE (KG./ (KM.\*\*2-MO.)) \*\*\*\*\*

North Anna, Richmond (1998-2000), 44-Cell MDCT

SEASON-SUMMER

DISTANCE FROM TOWER (M)	WIND FROM																ALL
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	
	PLUME HEADED																
	S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE	AVG
75.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.52	4.52	.00	.57
125.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.54	3.54	.00	.44
150.	.00	.00	.00	.00	29.90	13.77	18.10	.00	.00	.00	.00	.00	76.88	47.63	15.47	.00	12.61
175.	.00	.00	.00	.00	18.22	6.42	9.99	.00	.00	.00	.00	.00	53.49	40.88	12.22	.00	8.83
200.	5.97	2.39	8.36	.00	3.41	3.03	1.11	.00	16.72	9.56	8.36	.00	16.65	14.99	.28	.00	5.68
250.	15.96	9.06	17.68	.00	12.40	11.35	9.52	.00	27.36	18.56	15.51	.00	23.24	12.60	4.23	.00	11.09
300.	20.56	12.84	22.39	.37	17.15	14.06	14.49	.18	33.89	23.72	19.13	1.29	30.70	16.21	7.40	.18	14.66
350.	19.56	12.58	16.70	.80	9.35	7.84	6.23	.40	24.84	21.31	12.97	2.92	7.05	5.24	3.58	.54	9.49
400.	37.61	22.26	22.39	2.15	10.06	7.85	6.95	1.01	44.22	44.14	25.01	9.44	4.91	2.52	4.23	2.01	15.42
450.	30.41	16.56	12.43	2.14	10.15	7.76	7.06	1.01	32.91	37.22	20.71	9.24	4.81	2.52	3.98	1.86	12.55
500.	21.54	11.66	6.97	.80	6.25	4.00	4.72	.40	22.51	24.68	13.57	2.78	3.37	1.35	2.29	.40	7.96
550.	6.58	3.99	2.03	.04	7.22	3.85	4.75	.02	5.33	5.33	4.59	.12	4.33	1.59	2.57	.02	3.27
600.	1.13	.80	.40	.09	7.08	3.73	4.52	.17	.35	.33	.35	.10	4.18	1.58	2.49	.17	1.72
800.	.53	.31	.16	.17	4.16	2.00	2.53	.33	.28	.19	.08	.18	2.57	.89	1.39	.33	1.01
900.	.35	.21	.14	.01	.12	.05	.05	.01	.28	.18	.06	.03	.08	.03	.02	.00	.10
1000.	.35	.21	.14	.14	.08	.05	.05	.17	.28	.18	.06	.15	.08	.03	.02	.04	.13
1250.	.35	.21	.14	.29	.08	.05	.05	.29	.28	.18	.06	.19	.08	.03	.02	.12	.15
1400.	.35	.21	.14	.65	.08	.05	.05	.62	.28	.18	.06	.34	.08	.03	.02	.37	.22
1525.	.35	.21	.14	.68	.08	.05	.05	.66	.28	.18	.06	.36	.08	.03	.02	.41	.23

TABLE 7. Fall SACTI Salt Deposition Results

1 \*\*\*\*\* PLUME SALT DEPOSITION TABLE (KG./((KM.\*\*2-MO.)) \*\*\*\*\*  
 North Anna, Richmond (1998-2000), 44-Cell MDCT  
 SEASON= FALL

DISTANCE FROM TOWER (M)	***** WIND FROM *****																ALL AVG	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
	S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE		
75.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.	.00	.00	.00	.00	.00	4.58	.00	.00	.00	.00	.00	.00	.00	22.89	18.32	4.58	.00	3.15
125.	.00	.00	.00	.00	.00	3.58	.00	.00	.00	.00	.00	.00	17.90	14.32	3.58	.00	.00	2.46
150.	.00	.00	.00	.00	3.19	28.72	1.06	.00	.00	.00	.00	.00	16.47	121.93	61.26	.00	.00	23.79
175.	.00	.00	.00	.00	.96	22.52	.32	.00	.00	.00	.00	.00	11.13	91.44	37.70	.00	.00	16.94
200.	.00	.00	.00	.00	1.92	17.77	1.92	.00	29.42	19.61	.00	.00	75.92	61.02	19.22	.00	.00	14.17
250.	4.38	2.00	2.52	.00	6.25	14.07	14.28	.00	37.07	24.64	3.24	.00	57.13	45.02	25.84	.00	.00	14.78
300.	7.32	3.36	4.22	.00	6.60	12.77	21.05	3.02	42.02	26.66	4.96	.00	65.06	51.69	27.45	.00	.00	17.26
350.	15.38	7.32	7.00	.00	4.84	6.75	5.81	6.53	19.03	12.20	8.08	.00	19.52	14.63	5.48	.84	.00	8.34
400.	41.70	18.27	12.88	1.00	5.28	4.69	6.71	7.53	32.52	26.08	17.48	3.99	7.70	5.64	4.09	5.34	.00	12.55
450.	39.62	17.03	9.99	1.03	5.46	5.23	7.42	7.52	22.22	21.93	15.27	3.95	8.01	5.92	4.59	4.44	.00	11.23
500.	31.38	13.97	7.77	.09	3.45	3.91	5.92	6.53	16.60	15.54	10.67	.00	5.54	3.84	3.93	.00	.00	8.07
550.	9.16	4.09	1.94	.07	3.67	3.94	6.09	.29	4.36	3.60	2.44	.00	5.43	3.17	4.00	.00	.00	3.27
600.	2.71	1.31	.50	.05	3.56	3.87	6.21	.09	.86	.72	.50	.17	4.91	2.60	3.67	.19	.00	2.00
800.	1.00	.60	.26	.10	1.83	2.03	3.19	.14	.55	.36	.22	.33	2.53	1.29	2.03	.36	.00	1.05
900.	.57	.29	.16	.00	.03	.04	.11	.05	.45	.23	.16	.00	.07	.06	.07	.01	.00	.14
1000.	.57	.29	.16	.03	.03	.04	.11	.19	.45	.23	.16	.01	.07	.06	.07	.11	.00	.16
1250.	.57	.29	.16	.14	.03	.04	.11	.38	.45	.23	.16	.14	.07	.06	.07	.31	.00	.20
1400.	.57	.29	.16	.42	.03	.04	.11	.91	.45	.23	.16	.48	.07	.06	.07	.94	.00	.31
1525.	.57	.29	.16	.46	.03	.04	.11	1.01	.45	.23	.16	.54	.07	.06	.07	1.08	.00	.33

TABLE 8. Annual SACTI Salt Deposition Results

1 \*\*\*\*\* PLUME SALT DEPOSITION TABLE (KG./KM.\*\*2-MO.) \*\*\*\*\*

North Anna, Richmond (1998-2000), 44-Cell MDCT

SEASON-ANNUAL

DISTANCE FROM TOWER (M)	WIND FROM																ALL	
	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW		
	PLUME HEADED																AVG	
	S	SSW	SW	WSW	W	WNW	NW	NNW	N	NNE	NE	ENE	E	ESE	SE	SSE		
75.	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
100.	.00	.00	.00	.00	3.54	1.14	.00	.00	.00	.00	.00	.00	.00	47.11	28.18	11.86	.00	5.74
125.	.00	.00	.00	.00	2.52	.89	.00	.00	.00	.00	.00	.00	.00	36.77	21.96	9.12	.00	4.45
150.	.00	.00	.00	.00	17.52	12.48	8.47	.00	.00	.00	.00	.00	.00	310.48	171.6	81.94	.00	37.67
175.	.00	.00	.00	.00	16.66	7.79	4.08	.00	.00	.00	.00	.00	.00	287.58	138.1	62.64	.00	29.17
200.	3.95	1.97	5.92	.00	14.16	5.71	1.05	.00	15.13	7.89	5.92	.00	.00	155.30	98.48	40.65	.00	21.95
250.	9.01	4.77	9.32	.00	12.36	8.98	8.63	.00	21.49	13.08	10.02	.00	.00	105.76	56.95	28.15	.00	18.03
300.	11.58	6.29	11.03	.41	13.41	9.82	12.68	.41	25.67	16.31	12.19	1.01	102.00	59.31	28.62	.20	19.87	
350.	13.78	7.43	7.94	1.02	6.90	4.67	4.73	.95	17.63	14.23	9.54	2.96	30.94	19.77	9.76	1.03	9.58	
400.	33.40	17.35	14.20	1.76	6.81	4.53	5.53	1.75	34.74	33.40	23.71	8.74	7.57	5.11	4.94	3.46	12.94	
450.	30.70	15.60	10.85	1.64	7.21	4.90	6.23	1.68	27.44	29.22	21.44	7.94	7.96	5.40	5.60	2.87	11.67	
500.	24.72	12.90	8.28	.92	4.90	3.44	5.11	.88	20.86	21.10	15.13	2.26	5.76	3.71	4.63	.51	8.44	
550.	8.24	4.49	2.66	.07	4.68	3.44	5.02	.04	5.75	5.51	4.68	.15	6.01	3.29	4.26	.07	3.65	
600.	2.43	1.39	.77	.10	4.70	3.44	4.94	.11	1.27	1.35	1.36	.20	5.75	3.02	4.04	.17	2.19	
800.	1.28	.67	.46	.19	2.55	1.75	2.52	.20	.56	.38	.27	.36	3.01	1.54	2.02	.33	1.13	
900.	.58	.34	.22	.01	.07	.04	.07	.01	.39	.25	.13	.02	.11	.04	.05	.01	.15	
1000.	.58	.34	.22	.06	.06	.04	.07	.11	.39	.25	.13	.08	.10	.04	.05	.05	.16	
1250.	.58	.34	.22	.18	.06	.04	.07	.26	.39	.25	.13	.22	.10	.04	.05	.20	.19	
1400.	.58	.34	.22	.50	.06	.04	.07	.71	.39	.25	.13	.58	.10	.04	.05	.72	.30	
1525.	.58	.34	.22	.56	.06	.04	.07	.79	.39	.25	.13	.63	.10	.04	.05	.84	.32	