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**HOURLY KRYPTON-85 RELEASES
FROM THE SAVANNAH RIVER PLANT,
AUGUST 1975 THROUGH JULY 1977**

C. EDWARD BAILEY



**E. I. du Pont de Nemours & Co.
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ABSTRACT

Krypton-85 is released to the atmosphere when irradiated fuel is dissolved in the two separations facilities at the Savannah River Plant. This report gives the hourly releases of Kr-85 for the two-year period from August 1, 1975 through July 1, 1977. These hourly releases can be used with Kr-85 surface air concentration measurements and extensive meteorological data collected over the same period to test and validate air transport and dispersion models.

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HOURLY KRYPTON-85 RELEASES FROM THE SAVANNAH RIVER PLANT,
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Introduction

The Savannah River Plant (SRP), located near Augusta, Georgia, is the major nuclear material production facility for the Department of Energy (DOE). The plant location is shown in Figure 1. Two separations plants, located approximately 4 km apart, dissolve and chemically process irradiated nuclear fuel. Each separations plant routinely releases fission-product Kr-85 in a nonbuoyant plume from 62-meter-high stacks. Kr-85 is an inert gas with a half-life of 10.76 years; thus, its air concentration in the vicinity of the source is essentially unaffected by chemical reactions, deposition, and radioactive decay. Kr-85 is therefore an excellent tracer; concentrations in air can be combined with meteorological data to test and validate air transport and dispersion models.

During the 2-1/2-year period from March 1975 through September 1977, a cryogenic air sampling network of 13 stations surrounding SRP was operated continuously to obtain average surface air concentrations over time periods of approximately 7 days or approximately 10 hours. Meteorological data from towers and from National Weather Service surface stations and rawinsonde stations was obtained on an hourly basis over this same 2-1/2-year period. These data are discussed in detail in Reference 1.

This report describes the Kr-85 source term from the separations areas at SRP from August 1, 1975 through July 31, 1977. The quantity of Kr-85 released during each hour of this two-year period is given. This source term, along with the Kr-85 surface air concentration measurements and the meteorological data for the same time period¹ constitutes all of the data necessary to use this Kr-85 data set for testing and validating atmospheric transport and dispersion models.

Releases of Krypton-85

Each of the separations plants releases Kr-85 in a semicontinuous, periodic manner. Because the samplers are located 28 to 144 km from the separations areas, little error is introduced by considering the releases as occurring at a point midway between the two separations facilities, which are separated by 4 km. Thus, the sum of the releases from the two areas is given.

The rate of release of Kr-85 from stacks in each of the two separations area was not measured directly. Rather, the rate was calculated using a mathematical model based on studies of the reaction kinetics of the dissolving process.² Data for each dissolving cycle, obtained from operator's log books, provided the input for the hourly release calculations.

Figure 2 shows the Kr-85 releases from the 24-month period from August 1975 through July 1977. During this time, Kr-85 was released approximately 55% of the time. The average rate of release over the 24 months was approximately 75 Ci/hr; the average

release rate for the 55% of the time releases which were actually occurring was approximately 135 Ci/hr.

The hourly Kr-85 releases for the 24-month period are given in Table I. Note that the time is expressed in coordinated universal time units. This hourly source term information has been added to the Savannah River Experiment (SRE) data tape that contains the weekly and twice-daily average Kr-85 air concentration data. This tape, along with the other SRE data tapes described in Table II of Reference 1, is available from the National Climatic Center in Asheville, NC. The format of the information on the tape and instructions on ordering the tape are given in Table II.

References

1. K. Telegadas, et al. "Measured Weekly and Twice-Daily Krypton-85 Surface Air Concentrations within 150 km of the Savannah River Plant (March 1975 through September 1977) - Final Report." NOAA Tech. Memo. ERL-ARL-80 (1980).
2. M. M. Pendergast. "Release Rate of ^{85}Kr from the Savannah River Plant." Article 34 in Savannah River Laboratory Environmental Transport and Effects Research-Annual Report 1977. USDOE Report DP-1489, E. I. du Pont de Nemours & Co., Savannah River Laboratory, Aiken, SC (1978).

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977.

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		0	0	0	0	0	0	0	0	0	0	0	0
8 -1-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -2-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -3-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -4-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -5-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -6-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -7-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -8-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8 -9-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-10-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-11-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-12-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-13-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-14-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-15-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
8-16-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-17-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-18-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-19-75	1-12	0	0	0	24	24	24	24	24	24	24	24	24
	13-24	24	24	24	24	24	24	0	0	0	0	0	0
8-20-75	1-12	0	22	22	22	22	22	22	22	22	22	22	22
	13-24	22	22	22	22	22	0	0	0	0	0	0	0
8-21-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-22-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-23-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-24-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-25-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	28	28	28
8-26-75	1-12	28	28	37	60	73	79	81	80	78	77	77	78
	13-24	81	56	59	60	56	46	27	2	0	0	0	0
8-27-75	1-12	0	13	31	42	47	49	49	49	50	51	53	56
	13-24	57	56	51	38	16	0	0	0	0	0	0	0
8-28-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-29-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
8-30-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		10	41	58	63	63	60	59	59	62	67	71	72
8-31-75	1-12	10	41	58	63	63	60	59	59	62	67	71	72
	13-24	64	43	8	0	0	11	28	38	43	45	46	46
9 -1-75	1-12	46	47	48	51	53	54	52	47	37	18	1	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9 -2-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9 -3-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	16	16
9 -4-75	1-12	16	16	16	16	16	16	16	16	16	16	16	16
	13-24	16	16	0	0	0	0	0	0	0	0	0	0
9 -5-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9 -6-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9 -7-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9 -8-75	1-12	0	0	0	0	0	0	0	0	0	0	0	18
	13-24	59	74	74	70	69	73	81	84	74	34	0	0
9 -9-75	1-12	0	7	29	42	48	49	50	50	51	54	56	58
	13-24	56	48	29	3	0	0	0	0	0	0	0	0
9-10-75	1-12	0	0	0	0	0	0	0	0	0	0	3	3
	13-24	3	3	3	3	3	3	3	3	3	3	3	3
9-11-75	1-12	3	3	3	3	3	3	3	3	3	3	3	3
	13-24	3	3	3	3	3	3	3	3	3	3	3	3
9-12-75	1-12	3	3	3	3	3	3	3	19	19	19	19	19
	13-24	19	19	26	72	95	97	93	92	96	104	108	77
9-13-75	1-12	27	0	0	0	3	20	32	38	41	42	42	42
	13-24	43	45	47	49	50	48	43	32	13	0	0	0
9-14-75	1-12	0	0	1	65	98	89	80	72	66	59	54	49
	13-24	44	40	36	33	30	27	24	22	20	18	16	15

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TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		13	12	11	10	9	8	7	7	6	5	5	4
9-15-75	1-12	13	12	11	10	9	8	7	7	6	5	5	4
	13-24	4	4	3	3	3	2	2	2	2	2	2	1
9-16-75	1-12	1	1	1	5	48	73	77	74	72	75	81	86
	13-24	80	45	1	0	0	8	26	37	42	44	44	44
9-17-75	1-12	45	46	48	50	52	51	46	34	13	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9-18-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9-19-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9-20-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	12	12	12	12	12	12	12
9-21-75	1-12	12	12	12	12	12	12	12	12	12	12	12	12
	13-24	12	12	12	12	12	12	12	12	12	12	12	12
9-22-75	1-12	12	12	12	12	12	12	12	12	12	12	12	12
	13-24	12	12	12	12	12	12	12	12	12	12	12	12
9-23-75	1-12	12	12	12	12	12	12	12	12	12	12	0	0
	13-24	0	0	0	0	0	0	48	94	85	77	70	63
9-24-75	1-12	57	52	47	42	38	35	31	28	26	23	21	19
	13-24	17	16	14	13	12	10	9	9	8	7	6	6
9-25-75	1-12	5	5	4	4	4	3	3	3	2	2	2	2
	13-24	2	1	1	1	1	1	1	1	1	1	1	1
9-26-75	1-12	1	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9-27-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9-28-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
9-29-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	25	55	66	66	63	62	64	69

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		74	75	63	28	0	0	1	21	41	50	53	53
9-30-75	1-12	54	55	58	61	63	59	45	16	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10 -1-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10 -2-75	1-12	54	49	44	40	82	109	98	89	80	73	66	60
	13-24	16	15	13	12	36	33	30	27	24	22	20	18
10 -3-75	1-12	77	81	78	59	11	36	66	76	74	71	69	71
	13-24	48	47	48	50	53	55	54	50	37	15	0	0
10 -4-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10 -5-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10 -6-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10 -7-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10 -8-75	1-12	9	9	9	9	9	9	9	9	9	9	10	39
	13-24	64	72	72	69	68	61	65	71	72	63	35	1
10 -9-75	1-12	0	0	0	17	37	46	50	50	50	51	53	56
	13-24	59	58	51	34	6	0	0	0	0	0	0	14
10-10-75	1-12	99	106	96	86	78	71	64	58	52	47	43	39
	13-24	35	32	29	26	24	21	19	17	16	14	13	12
10-11-75	1-12	11	10	9	8	7	6	6	5	5	4	4	4
	13-24	3	3	3	2	2	2	2	2	1	1	1	1
10-12-75	1-12	1	1	1	1	1	1	1	1	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10-13-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
10-14-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	66	88	80	72	65	59	53	48	44	40	36	59

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
11-29-75	1-12 13-24	33 483	20 473	0 423	0 379	0 340	0 304	0 273	0 244	7 219	108 196	236 176	364 157
11-30-75	1-12 13-24	141 0	126 0	113 0	101 0	91 0	81 0	73 0	65 0	58 0	52 0	47 0	25 0
12 -1-75	1-12 13-24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12 -2-75	1-12 13-24	0 420	0 376	0 337	0 302	0 270	53 242	201 217	351 194	501 174	580 156	523 140	469 125
12 -3-75	1-12 13-24	112 0	101 0	90 0	81 0	72 0	54 0	0 11	0 153	0 335	0 517	0 687	0 672
12 -4-75	1-12 13-24	602 161	539 144	483 129	433 116	388 104	347 93	311 83	279 75	250 67	224 0	200 0	180 0
12 -5-75	1-12 13-24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12 -6-75	1-12 13-24	0 0	0 0	0 3	0 38	0 63	0 70	0 70	0 67	0 65	0 67	0 72	0 78
12 -7-75	1-12 13-24	140 269	273 245	388 225	488 207	543 193	489 179	453 167	421 155	388 141	355 124	325 103	295 75
12 -8-75	1-12 13-24	60 0	54 0	48 0	43 0	39 0	35 0	31 0	28 0	25 0	22 0	20 0	0 0
12 -9-75	1-12 13-24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
12-10-75	1-12 13-24	65 296	245 265	428 237	611 213	708 191	639 171	572 153	513 137	459 123	411 110	369 99	330 88
12-11-75	1-12 13-24	79 0	71 9	0 128	0 280	0 432	0 573	0 561	0 502	0 450	0 403	0 361	0 324
12-12-75	1-12 13-24	290 155	260 81	233 89	208 95	187 89	167 54	150 3	141 0	175 0	188 30	181 133	166 234
12-13-75	1-12 13-24	332 148	398 122	370 91	336 78	305 70	279 62	256 56	236 50	219 45	202 40	187 36	169 32

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		29	26	23	21	19	17	15	13	12	10	8	
12-14-75	1-12	372	509	522	468	419	375	336	301	270	242	217	194
	13-24												
12-15-75	1-12	174	158	173	183	179	168	155	144	135	132	131	129
	13-24	121	102	62	33	30	27	24	24	44	61	68	69
12-16-75	1-12	68	67	67	65	63	65	65	57	40	9	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
12-17-75	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
12-18-75	1-12	0	0	11	156	342	527	700	685	613	550	492	441
	13-24	395	354	317	284	254	228	204	183	164	147	132	118
12-19-75	1-12	106	95	85	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	9	128	279	431	572	560	502	449	402
12-20-75	1-12	361	323	289	259	232	208	186	167	150	134	120	108
	13-24	96	86	77	12	0	0	0	0	0	23	66	80
12-21-75	1-12	80	76	75	79	87	92	85	51	3	0	0	19
	13-24	44	56	60	61	61	63	66	69	71	67	51	18
12-22-75	1-12	0	0	0	0	50	189	329	470	545	491	440	394
	13-24	353	317	284	254	228	204	183	164	147	131	118	105
12-23-75	1-12	94	85	76	68	61	54	49	44	72	100	106	102
	13-24	95	92	93	94	85	81	57	10	0	0	0	5
12-24-75	1-12	28	43	50	52	52	52	53	55	58	61	61	56
	13-24	42	16	0	0	0	0	0	0	0	0	0	0
12-25-75	1-12	0	25	156	299	441	552	513	459	411	368	330	296
	13-24	265	237	213	190	171	153	137	123	110	98	88	79
12-26-75	1-12	71	63	57	51	46	41	37	33	29	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	29
12-27-75	1-12	168	318	468	579	535	479	429	385	345	309	277	248
	13-24	222	199	178	160	143	128	115	103	92	83	74	66
12-28-75	1-12	10	0	0	0	0	0	0	0	0	0	189	331
	13-24	472	547	493	442	396	355	318	285	255	228	205	183

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	164	147	132	113	106	95	85	76	68	61	55	49
12-29-75	1-12	44	39	35	32	28	25	23	10	0	0	0	0
	13-24	0	0	0	0	1	83	222	362	502	530	475	426
12-30-75	1-12	381	342	306	274	246	220	197	177	158	142	127	114
	13-24	102	91	82	73	66	59	53	47	42	38	34	30
12-31-75	1-12	27	24	22	20	18	16	14	1	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -1-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -2-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -3-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -4-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -5-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -6-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -7-76	1-12	0	0	0	0	8	62	88	90	86	84	90	99
	13-24	102	81	21	0	0	3	24	40	48	51	52	52
1 -8-76	1-12	52	54	56	59	61	60	54	41	16	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1 -9-76	1-12	0	0	0	0	0	0	0	0	0	0	1	45
	13-24	79	86	83	80	82	89	97	95	69	11	0	0
1-10-76	1-12	15	36	47	52	54	54	54	55	72	194	340	482
	13-24	603	565	483	419	375	336	301	270	242	216	194	174
1-11-76	1-12	156	139	125	112	100	90	80	72	65	58	52	46
	13-24	42	37	33	30	27	24	15	0	0	20	66	83
1-12-76	1-12	83	79	78	82	90	95	85	44	0	0	0	20
	13-24	43	54	58	59	59	60	63	66	69	67	58	35

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR													
		4	0	0	0	0	0	0	0	0	0	0			
1-13-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-14-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	9	56	79	82	79	76	78	85		
1-15-76	1-12	92	91	70	18	0	0	7	36	53	60	61	61	0	0
	13-24	62	65	68	71	71	63	40	6	0	0	0	0	0	0
1-16-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-17-76	1-12	15	69	90	90	85	85	92	101	100	70	9	9	0	0
	13-24	0	12	37	50	55	57	57	57	59	62	65	67		
1-18-76	1-12	63	50	23	0	0	0	0	30	190	365	539	675		
	13-24	626	561	503	450	403	361	324	290	260	233	209	187		
1-19-76	1-12	167	150	134	120	108	97	87	78	69	62	56	50		
	13-24	45	40	36	32	29	26	23	21	19	17	15	13		
1-20-76	1-12	12	11	10	9	8	7	0	0	0	0	0	0		
	13-24	0	0	0	0	0	0	0	0	0	0	0	0		
1-21-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		
	13-24	0	0	0	0	4	44	70	77	75	72	71	75		
1-22-76	1-12	82	87	82	57	9	27	169	350	525	651	612	555		
	13-24	504	460	422	389	356	318	269	210	183	164	147	132		
1-23-76	1-12	118	106	95	85	76	0	0	0	0	0	0	0		
	13-24	0	0	0	34	173	321	469	572	525	470	421	377		
1-24-76	1-12	338	303	271	243	218	195	175	157	140	126	113	101		
	13-24	90	81	73	65	58	52	47	0	0	0	0	0		
1-25-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		
	13-24	49	186	325	463	537	484	434	389	348	312	279	250		
1-26-76	1-12	224	201	180	161	144	129	116	104	93	83	75	67		
	13-24	60	54	48	43	39	35	31	28	25	22	20	18		
1-27-76	1-12	16	14	13	12	10	9	8	7	7	6	5	5		
	13-24	4	4	3	3	3	11	52	74	79	76	72	72		

TABLE I. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		77	83	88	83	58	11	1	6	31	47	54	57
1-28-76	1-12	57	58	59	62	65	67	66	57	37	6	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1-29-76	1-12	25	157	301	446	557	518	464	415	372	333	299	268
	13-24	240	215	192	172	154	138	124	111	99	89	80	72
1-30-76	1-12	64	57	51	46	41	37	33	30	7	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2 -1-76	1-12	0	0	0	0	0	0	0	9	135	295	456	605
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2 -2-76	1-12	592	530	475	426	381	341	306	274	246	220	197	177
	13-24	158	142	127	114	102	91	82	73	66	59	53	47
2 -3-76	1-12	42	38	34	8	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2 -4-76	1-12	88	95	92	88	89	94	103	108	99	63	7	59
	13-24	0	0	0	0	0	0	0	0	0	0	6	0
2 -5-76	1-12	4	36	59	69	72	72	73	75	79	83	85	80
	13-24	64	30	0	0	0	0	0	0	0	0	0	0
2 -6-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	62	185	308	431	470	421	377	338	303	271	243	218
2 -7-76	1-12	195	207	235	235	222	203	190	183	182	180	171	139
	13-24	73	0	0	15	46	63	69	71	71	72	74	78
2 -8-76	1-12	82	83	77	99	177	272	388	450	406	364	326	292
	13-24	261	234	210	188	168	151	135	121	108	97	87	78
2 -9-76	1-12	70	63	56	50	45	40	36	32	29	26	23	21
	13-24	19	4	0	0	0	0	0	0	0	0	0	0
2-10-76	1-12	0	0	0	0	0	0	0	0	0	5	61	95
	13-24	102	98	94	96	103	113	114	94	33	70	189	329
2-11-76	1-12	470	507	465	425	387	354	326	301	281	261	242	219
	13-24	189	146	107	96	86	77	69	62	55	50	44	40

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR												
		36	32	29	0	0	0	0	0	0	0			
2-12-76	1-12	0	27	171	328	486	607	564	505	453	405	363	0	325
	13-24	0	27	171	328	486	607	564	505	453	405	363	0	325
2-13-76	1-12	292	261	234	210	188	168	151	135	121	108	97	87	87
	13-24	78	70	62	56	50	45	40	36	32	29	26	23	23
2-14-76	1-12	21	19	17	15	56	164	286	409	474	427	383	343	343
	13-24	307	275	247	221	198	177	159	142	127	114	102	92	92
2-15-76	1-12	82	73	113	151	136	100	68	62	56	51	46	41	41
	13-24	37	34	31	28	25	23	21	19	17	15	14	12	12
2-16-76	1-12	11	10	9	8	8	7	6	6	5	5	4	4	4
	13-24	10	105	227	347	461	450	404	362	323	290	260	233	233
2-17-76	1-12	209	187	168	150	135	121	108	96	86	77	69	62	62
	13-24	55	50	34	0	0	0	0	0	0	0	0	0	0
2-18-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	32	89	104	102	97	99	108	117	114	75	6	0	0
2-19-76	1-12	0	22	47	59	64	65	65	66	69	72	75	76	76
	13-24	72	57	27	0	0	0	0	0	0	0	0	0	0
2-20-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
2-21-76	1-12	0	4	51	62	56	51	46	41	77	186	297	407	407
	13-24	465	419	376	337	302	270	243	217	195	204	224	223	223
2-22-76	1-12	211	195	180	170	164	163	161	154	132	88	43	37	37
	13-24	43	68	83	89	87	86	84	84	85	88	89	87	87
2-23-76	1-12	80	62	28	6	5	5	4	4	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
2-24-76	1-12	0	0	0	42	158	276	394	456	411	369	330	296	296
	13-24	265	237	213	191	171	153	137	123	110	98	88	79	79
2-25-76	1-12	71	63	57	51	46	41	37	33	29	26	0	0	0
	13-24	0	0	0	0	0	0	9	133	292	451	599	586	586
2-26-76	1-12	525	470	421	377	338	303	271	243	218	195	175	156	156
	13-24	140	126	112	101	90	81	72	65	58	52	47	42	42

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR										
		37	50	107	187	277	346	322	288	258	231	207
2-27-76	1-12	322	280	404	481	437	392	351	314	282	252	226
	13-24	181	162	146	130	117	105	94	84	75	67	60
2-28-76	1-12	0	0	0	0	0	0	0	0	0	0	14
	13-24	69	132	196	245	227	204	182	163	146	131	117
2-29-76	1-12	94	84	76	68	61	54	49	44	46	46	252
	13-24	453	443	397	356	319	286	256	229	205	184	165
3-1-76	1-12	132	118	106	95	85	76	68	61	55	49	44
	13-24	6	0	0	0	0	0	0	0	0	0	0
3-2-76	1-12	0	5	75	164	253	336	328	294	263	236	211
	13-24	170	152	136	122	109	98	88	79	70	63	56
3-3-76	1-12	45	41	36	33	29	13	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0
3-4-76	1-12	0	0	0	0	0	0	0	0	0	0	0
	13-24	184	263	305	275	246	221	198	177	159	93	104
3-5-76	1-12	282	345	316	283	254	227	204	183	164	146	131
	13-24	105	94	85	76	68	61	54	49	44	39	35
3-6-76	1-12	28	4	0	0	0	0	0	0	0	0	0
	13-24	29	29	29	45	126	216	305	374	349	316	286
3-7-76	1-12	235	214	195	177	162	148	107	96	86	77	69
	13-24	55	49	44	40	36	32	22	0	0	0	0
3-8-76	1-12	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	19	54	68	70	67	65	66
3-9-76	1-12	77	80	71	43	3	0	4	30	48	58	132
	13-24	352	462	475	436	397	354	301	241	213	190	171
3-10-76	1-12	137	21	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	2	90	223
3-11-76	1-12	487	501	448	402	360	322	289	259	232	208	186
	13-24	149	134	120	107	96	86	77	69	62	55	50
3-12-76	1-12	20	0	0	0	0	0	0	13	13	13	13
	13-24	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		13-13	13-25	13-69	13-88	13-90	13-86	13-84	13-87	13-94	13-100	13-96	13-70
3-13-76	1-12 13-24	13 13	25	69	88	90	86	84	87	94	100	96	13
3-14-76	1-12 13-24	7 320	0 292	5 261	29 223	43 176	60 150	142 134	231 120	320 108	396 96	379 86	77
3-15-76	1-12 13-24	69 0	62 0	56 0	50 0	45 0	40 0	36 71	32 192	29 313	0 434	0 459	0 411
3-16-76	1-12 13-24	368 98	330 88	295 79	265 71	237 63	212 57	190 51	170 46	153 41	137 31	123 0	110 0
3-17-76	1-12 13-24	0 111	0 100	0 91	0 82	0 74	0 67	0 61	0 55	0 50	22 45	121 41	122 49
3-18-76	1-12 13-24	79 12	90 32	89 47	84 53	79 54	80 54	83 53	87 50	83 53	62 55	20 55	11 48
3-19-76	1-12 13-24	29 0	3 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
3-20-76	1-12 13-24	2 208	80 186	200 167	319 149	437 134	448 120	402 107	360 96	322 86	289 77	259 69	232 62
3-21-76	1-12 13-24	55 0	50 15	44 97	40 186	36 275	32 343	29 319	0 286	0 256	0 229	0 205	0 184
3-22-76	1-12 13-24	165 294	148 263	132 235	118 211	106 189	95 157	98 129	161 116	230 103	301 93	355 83	328 74
3-23-76	1-12 13-24	67 90	60 95	53 99	48 94	43 64	38 13	38 0	77 0	99 7	100 29	94 42	89 48
3-24-76	1-12 13-24	49 329	50 329	50 295	51 264	54 236	56 212	58 190	56 170	51 152	96 136	158 122	244 109
3-25-76	1-12 13-24	98 26	88 16	79 30	71 64	63 74	57 72	51 69	45 69	41 74	36 81	33 83	29 89
3-26-76	1-12 13-24	128 186	192 174	280 159	352 141	345 113	324 78	299 67	274 60	251 54	230 48	213 43	198 39
3-27-76	1-12 13-24	35 0	31 0	28 0	25 0	11 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		508	458	411	368	330	295	264	237	212	190	170	153
4-12-76	1-12	137	122	110	98	88	79	71	63	57	51	46	41
	13-24												
4-13-76	1-12	0	0	0	0	0	0	0	0	0	0	44	83
	13-24	92	89	85	88	96	104	98	61	3	0	16	47
4-14-76	1-12	62	67	67	68	70	74	78	78	70	45	6	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-15-76	1-12	0	0	0	0	0	0	0	0	46	90	82	74
	13-24	70	110	136	138	130	122	186	321	457	584	600	486
4-16-76	1-12	423	379	350	340	312	291	269	247	228	213	201	190
	13-24	179	162	136	95	69	62	56	50	45	40	0	0
4-17-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	3	52
4-18-76	1-12	85	92	88	85	88	96	103	100	69	9	0	5
	13-24	30	48	56	59	59	59	60	63	66	69	69	63
4-19-76	1-12	48	18	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-20-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-21-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	15	71	93	94	89	89	95
4-22-76	1-12	105	107	85	22	0	1	28	53	64	67	68	68
	13-24	71	75	79	78	68	42	4	0	0	0	0	0
4-23-76	1-12	0	6	93	204	314	417	408	366	328	294	263	236
	13-24	211	189	169	152	136	122	109	98	88	78	70	63
4-24-76	1-12	56	51	55	50	36	40	78	71	64	58	52	47
	13-24	43	39	35	32	29	26	24	21	10	0	0	0
4-25-76	1-12	0	0	0	0	47	78	71	64	58	52	47	43
	13-24	39	35	32	29	26	24	21	3	0	0	0	0
4-26-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	1	43

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		64	58	52	47	43	39	35	32	29	26	24	21
4-27-76	1-12	19	17	16	14	13	12	11	10	9	8	7	6
	13-24												
4-28-76	1-12	6	5	1	0	0	31	83	135	154	150	140	134
	13-24	135	141	142	122	60	24	22	31	62	78	83	82
4-29-76	1-12	70	71	75	79	81	77	59	21	0	0	0	0
	13-24	0	0	0	0	0	0	0	30	153	284	414	506
4-30-76	1-12	464	416	372	334	299	268	240	215	192	172	154	138
	13-24	124	111	99	89	80	72	64	57	51	46	41	37
5 -1-76	1-12	3	0	0	0	0	0	0	0	0	0	0	58
	13-24	221	386	551	638	575	515	462	414	371	332	297	266
5 -2-76	1-12	239	214	192	172	154	138	123	111	99	89	79	71
	13-24	64	57	51	46	41	37	33	30	26	24	21	19
5 -3-76	1-12	17	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
5 -4-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
5 -5-76	1-12	0	0	31	195	375	554	693	643	576	516	463	414
	13-24	371	333	298	267	239	214	192	172	154	138	124	111
5 -6-76	1-12	99	68	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
5 -7-76	1-12	0	0	0	0	0	3	53	84	88	84	82	87
	13-24	97	100	80	20	0	1	22	43	52	56	56	57
5 -8-76	1-12	58	60	64	66	65	55	34	4	0	0	0	1
	13-24	84	225	367	508	537	481	431	386	346	310	278	249
5 -9-76	1-12	223	200	179	160	144	129	115	112	145	158	153	131
	13-24	73	75	81	88	87	67	17	0	0	19	41	52
5-10-76	1-12	56	56	57	58	60	63	66	65	57	36	5	0
	13-24	0	0	0	3	68	91	82	74	67	61	55	50
5-11-76	1-12	45	41	37	33	30	35	146	287	429	560	548	475
	13-24	426	381	342	306	274	246	220	197	177	158	142	127

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
5-12-76	1-12	114	102	91	82	25	0	52	102	92	83	76	
	13-24	68	62	56	51	46	41	38	172	309	429	537	
5-13-76	1-12	506	453	406	364	326	292	262	234	210	188	151	
	13-24	135	121	109	97	87	78	70	63	43	0	0	
5-14-76	1-12	0	0	0	0	0	0	7	70	79	71	59	
	13-24	53	48	43	39	36	32	29	26	24	22	18	
5-15-76	1-12	16	14	13	12	11	10	9	8	7	7	5	
	13-24	5	4	2	0	0	0	0	0	0	9	98	
5-16-76	1-12	89	80	73	66	59	54	49	44	40	36	30	
	13-24	22	0	0	0	0	0	0	0	0	0	0	
5-17-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-18-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-19-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-20-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-21-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	6	53	77	81	78	75	77	84	91	89	
5-22-76	1-12	11	0	0	14	38	50	55	56	56	58	62	
	13-24	64	65	60	46	17	0	0	0	0	0	0	
5-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-25-76	1-12	0	0	0	0	0	0	0	0	0	0	0	
	13-24	0	0	0	0	0	0	0	0	0	0	0	
5-26-76	1-12	0	0	0	0	0	45	83	90	85	83	97	
	13-24	101	82	21	0	0	11	34	46	52	53	54	

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR												
		55	58	61	62	60	51	32	4	0	0			
5-27-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
5-28-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
5-29-76	1-12	0	0	0	0	0	24	60	73	74	70	69	70	69
	13-24	71	77	83	83	67	24	0	6	30	45	52	45	52
5-30-76	1-12	54	54	55	56	59	62	64	53	32	4	0	4	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
5-31-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
6-1-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
6-2-76	1-12	0	0	0	0	0	31	68	78	77	74	73	74	73
	13-24	78	85	89	79	41	0	0	26	45	53	56	45	56
6-3-76	1-12	56	56	58	60	64	66	63	29	1	0	0	0	0
	13-24	0	0	0	0	0	0	17	270	405	517	487	517	487
6-4-76	1-12	437	391	350	314	281	252	226	181	162	145	130	145	130
	13-24	117	105	94	84	75	67	60	48	43	39	35	43	35
6-5-76	1-12	31	14	0	0	0	13	130	415	607	608	545	608	545
	13-24	489	439	394	353	317	285	256	206	185	166	148	185	148
6-6-76	1-12	133	108	89	79	71	64	10	1	66	97	87	97	87
	13-24	79	72	65	59	53	48	43	36	32	29	26	32	26
6-7-76	1-12	8	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
6-8-76	1-12	35	82	75	68	61	55	50	41	37	34	30	34	30
	13-24	28	25	23	20	18	17	15	12	11	10	9	11	9
6-9-76	1-12	8	8	7	14	116	241	366	457	410	367	329	410	329
	13-24	294	264	236	212	190	170	152	125	181	194	175	181	175
6-10-76	1-12	157	141	122	58	53	48	43	35	32	29	26	32	29
	13-24	8	0	0	0	0	0	63	313	438	478	428	438	478

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		383	343	308	276	247	221	198	178	159	142	128	114
6-11-76	1-12	102	92	82	74	66	30	0	0	0	0	0	0
	13-24	0	0	0	44	168	293	418	484	437	391	350	314
6-12-76	1-12	281	252	226	202	181	162	145	130	117	105	94	84
	13-24	75	89	78	58	61	59	57	56	57	60	65	68
6-13-76	1-12	67	59	36	4	0	4	31	50	57	59	59	60
	13-24	63	66	69	69	60	37	4	0	0	0	0	0
6-14-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-15-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-16-76	1-12	0	0	0	0	7	105	230	355	472	461	413	370
	13-24	336	342	335	310	283	258	241	231	220	199	153	128
6-17-76	1-12	186	175	179	178	113	108	104	98	95	92	91	90
	13-24	85	74	43	3	0	52	173	295	417	469	421	377
6-18-76	1-12	338	303	271	243	218	195	175	157	140	126	113	101
	13-24	90	81	131	179	162	146	132	77	69	63	57	51
6-19-76	1-12	47	22	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-20-76	1-12	0	0	0	2	74	109	99	89	97	112	117	115
	13-24	108	102	95	91	52	55	59	62	62	55	39	11
6-21-76	1-12	0	0	11	27	37	42	44	44	44	44	45	47
	13-24	49	51	52	50	45	33	13	0	0	0	0	0
6-22-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	44	166	290	414	480	433	388
6-23-76	1-12	347	311	279	250	224	200	180	161	144	129	116	104
	13-24	93	83	75	67	60	14	0	0	0	0	0	0
6-24-76	1-12	0	0	0	42	186	333	481	573	521	466	418	374
	13-24	335	300	269	241	216	193	173	155	139	125	112	100
6-25-76	1-12	90	80	72	64	58	52	46	42	37	33	30	27
	13-24	24	21	39	143	256	357	446	414	371	332	298	267

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	239	214	192	172	154	138	124	111	99	89	80	71
		64	57	51	46	41	37	33	30	27	24	21	19
6-26-76	1-12	17	15	14	1	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	27
6-28-76	1-12	55	65	66	64	62	62	66	72	75	72	53	14
	13-24	0	0	11	33	45	50	52	52	52	54	56	59
6-29-76	1-12	61	59	50	31	4	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-30-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -1-76	1-12	0	0	0	0	0	0	0	0	0	0	0	103
	13-24	93	84	76	69	62	56	51	46	42	41	72	91
7 -2-76	1-12	94	72	62	61	65	71	75	71	50	69	102	93
	13-24	102	113	115	112	106	101	97	95	94	93	88	77
7 -3-76	1-12	37	3	0	0	0	0	0	0	29	100	95	86
	13-24	78	70	64	58	52	47	43	39	35	32	29	18
7 -4-76	1-12	19	55	68	68	65	64	67	73	78	75	53	9
	13-24	0	2	26	44	51	54	54	54	56	60	62	62
7 -5-76	1-12	54	33	3	0	24	152	291	431	539	500	448	401
	13-24	360	322	289	259	232	208	186	167	149	134	120	107
7 -6-76	1-12	96	86	77	69	42	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -7-76	1-12	0	0	0	60	200	340	480	541	485	435	390	349
	13-24	313	280	251	225	201	180	169	188	192	182	168	154
7 -8-76	1-12	146	141	123	75	69	87	105	92	89	103	109	109
	13-24	113	216	349	484	611	598	544	491	434	357	296	263
7 -9-76	1-12	236	211	189	169	152	136	122	109	98	88	78	70
	13-24	63	56	0	0	0	0	0	0	0	0	0	0
7-10-76	1-12	0	0	0	0	0	0	0	0	36	101	94	85
	13-24	77	69	91	118	122	117	108	104	105	109	109	89

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR																																																																																																																																																																																																																																																																																																																																																																																																																																	
8-10-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	103	112	97	30	0	11	53	94	98	93	75	93	8-11-76	1-12	82	87	84	61	12	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-12-76	1-12	0	0	0	0	0	18	79	98	91	96	67	107		13-24	109	75	6	0	0	26	53	63	66	66	71	71	8-13-76	1-12	75	77	70	46	6	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	7	8-14-76	1-12	165	305	396	490	577	553	497	446	401	324	291	291		13-24	261	235	211	189	170	153	137	123	111	89	80	80	8-15-76	1-12	47	19	17	5	174	257	232	210	190	156	141	141		13-24	127	115	104	94	85	77	70	11	0	0	0	0	8-16-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-17-76	1-12	0	0	0	0	0	0	0	30	91	97	96	96		13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	103	112	97	30	0	11	53	94	98	93	75	93	8-11-76	1-12	82	87	84	61	12	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-12-76	1-12	0	0	0	0	0	18	79	98	91	96	67	107		13-24	109	75	6	0	0	26	53	63	66	66	71	71	8-13-76	1-12	75	77	70	46	6	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	7	8-14-76	1-12	165	305	396	490	577	553	497	446	401	324	291	291		13-24	261	235	211	189	170	153	137	123	111	89	80	80	8-15-76	1-12	47	19	17	5	174	257	232	210	190	156	141	141		13-24	127	115	104	94	85	77	70	11	0	0	0	0	8-16-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-17-76	1-12	0	0	0	0	0	0	0	30	91	97	96	96		13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0														
8-11-76	1-12	82	87	84	61	12	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-12-76	1-12	0	0	0	0	0	18	79	98	91	96	67	107		13-24	109	75	6	0	0	26	53	63	66	66	71	71	8-13-76	1-12	75	77	70	46	6	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	7	8-14-76	1-12	165	305	396	490	577	553	497	446	401	324	291	291		13-24	261	235	211	189	170	153	137	123	111	89	80	80	8-15-76	1-12	47	19	17	5	174	257	232	210	190	156	141	141		13-24	127	115	104	94	85	77	70	11	0	0	0	0	8-16-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-17-76	1-12	0	0	0	0	0	0	0	30	91	97	96	96		13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																												
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8-15-76	1-12	47	19	17	5	174	257	232	210	190	156	141	141		13-24	127	115	104	94	85	77	70	11	0	0	0	0	8-16-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-17-76	1-12	0	0	0	0	0	0	0	30	91	97	96	96		13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																												
	13-24	127	115	104	94	85	77	70	11	0	0	0	0	8-16-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-17-76	1-12	0	0	0	0	0	0	0	30	91	97	96	96		13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																										
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8-17-76	1-12	0	0	0	0	0	0	0	30	91	97	96	96		13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																				
	13-24	106	116	99	25	0	0	3	35	56	66	66	66	8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																		
8-18-76	1-12	68	72	76	76	64	32	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																														
8-19-76	1-12	0	0	0	0	0	0	0	0	6	89	90	90		13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																												
	13-24	85	86	94	103	95	84	149	261	377	453	419	419	8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																										
8-20-76	1-12	383	351	326	306	284	250	192	144	129	104	93	93		13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																								
	13-24	83	75	67	60	54	12	0	0	0	0	0	0	8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																						
8-21-76	1-12	0	0	0	0	0	0	0	0	0	0	8	8		13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																				
	13-24	114	249	384	510	499	447	401	359	322	258	231	231	8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																		
8-22-76	1-12	207	186	166	149	133	119	107	96	86	69	32	32		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																														
8-23-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																												
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																										
8-24-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0		13-24	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR												
		0	0	0	0	0	0	0	0	0	0			
7-26-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-27-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-28-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	532	477	427	383	343	307	275	247	1	83	223	364	504
7-29-76	1-12	142	127	114	102	92	82	74	34	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-30-76	1-12	60	200	340	481	541	486	435	390	349	313	280	251	251
	13-24	225	202	181	162	145	130	116	104	93	84	75	46	46
7-31-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	1	83	224	364	504	533	477	428	428
8 -1-76	1-12	383	343	308	275	247	221	198	177	159	142	128	114	114
	13-24	102	92	82	74	28	0	0	0	42	79	87	83	83
8 -2-76	1-12	80	83	92	98	88	41	0	0	0	3	33	55	55
	13-24	63	65	65	66	70	74	75	68	44	6	0	0	0
8 -3-76	1-12	0	0	6	94	205	317	421	412	369	330	296	265	265
	13-24	238	213	191	171	153	137	123	110	98	88	79	71	71
8 -4-76	1-12	63	57	26	0	5	221	325	294	266	241	218	197	197
	13-24	178	161	146	132	120	108	98	89	80	73	0	0	0
8 -5-76	1-12	0	0	0	0	6	205	289	262	237	214	194	176	176
	13-24	159	144	130	118	106	96	87	79	71	65	58	53	53
8 -6-76	1-12	48	43	39	35	32	3	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
8 -7-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
8 -8-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
8 -9-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR													
		0	81	87	0	96	0	0	0	0	63	85	85		
8-25-76	1-12 13-24	81	81	87	0	96	0	0	0	0	0	11	63	85	62
8-26-76	1-12 13-24	63	63	65	69	69	73	73	64	37	2	0	0	0	0
8-27-76	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-28-76	1-12 13-24	398	357	320	286	286	257	230	206	184	165	148	148	133	119
8-29-76	1-12 13-24	106	95	85	76	76	69	61	55	37	0	0	0	0	0
8-30-76	1-12 13-24	282	252	226	202	202	181	162	146	130	434	392	351	314	84
8-31-76	1-12 13-24	75	67	60	32	32	0	0	0	0	0	0	0	0	0
9 -1-76	1-12 13-24	39	150	261	373	373	432	390	349	313	280	251	225	201	201
9 -2-76	1-12 13-24	180	162	145	130	130	116	104	93	84	75	67	60	54	0
9 -3-76	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 -4-76	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 -5-76	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 -6-76	1-12 13-24	798	774	693	621	621	556	498	447	400	15	184	395	605	605
9 -7-76	1-12 13-24	464	415	372	333	333	299	267	240	215	347	495	574	518	138
9 -8-76	1-12 13-24	124	111	138	171	171	172	126	86	88	97	104	97	56	77

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR													
		71	50	11	0	0	0	0	0	0	0	0			
9-9-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-10-76	1-12	0	0	0	0	0	0	0	0	0	0	19	72	91	90
	13-24	86	86	92	101	102	78	16	0	0	0	0	12	43	58
9-11-76	1-12	64	65	65	66	70	74	76	72	55	20	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-12-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	3
9-13-76	1-12	55	88	93	89	86	91	100	105	90	32	0	0	0	0
	13-24	4	29	46	53	56	57	57	58	60	63	66	66	66	66
9-14-76	1-12	60	46	18	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-15-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	76	216	356	496	534	478	428	384	344	344	344
9-16-76	1-12	308	276	270	286	278	258	235	218	206	199	194	179	179	179
	13-24	141	81	66	59	61	78	86	87	85	63	52	53	53	53
9-17-76	1-12	54	57	60	61	58	50	32	5	51	195	341	487	487	487
	13-24	564	509	456	409	366	328	294	263	236	211	189	169	169	169
9-18-76	1-12	152	136	122	109	98	88	79	70	63	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	1	66	178	290	401	401	401
9-19-76	1-12	424	380	340	305	273	245	219	196	176	158	141	126	126	126
	13-24	113	101	91	81	73	65	59	36	0	0	0	0	0	0
9-20-76	1-12	0	0	0	0	0	0	2	99	246	393	537	552	552	552
	13-24	494	443	397	355	318	285	255	229	205	184	165	147	147	147
9-21-76	1-12	132	118	106	95	85	76	68	0	0	0	0	14	14	14
	13-24	56	74	75	72	70	73	79	85	82	59	10	0	0	0
9-22-76	1-12	1	19	36	44	48	49	49	49	50	52	55	57	57	57
	13-24	56	50	37	12	0	0	0	0	0	0	0	1	1	1
9-23-76	1-12	88	236	384	532	562	503	451	404	362	324	290	260	260	260
	13-24	233	209	187	168	150	135	121	108	97	87	78	18	18	18

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR														
		9-24-76	9-25-76	9-26-76	9-27-76	9-28-76	9-29-76	9-30-76	10 -1-76	10 -2-76	10 -3-76	10 -4-76	10 -5-76	10 -6-76	10 -7-76	10 -8-76
	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	1-12	145	317	490	650	636	570	510	457	410	367	329	295			
	13-24	264	236	212	190	170	152	136	122	109	98	88	79			
	1-12	71	63	57	51	45	41	36	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-12	0	0	0	2	97	241	384	526	540	484	433	388			
	13-24	343	312	279	250	247	247	232	212	192	177	168	160			
	1-12	152	135	102	67	60	71	45	38	40	40	41	42			
	13-24	45	47	47	90	209	323	459	532	479	429	385	345			
	1-12	309	277	248	222	199	178	160	143	130	135	138	135			
	13-24	130	122	114	107	102	99	96	93	90	84	72	52			
	1-12	26	20	9	38	167	300	433	515	468	419	376	337			
	13-24	302	270	242	217	194	174	156	140	125	112	100	90			
	1-12	81	72	65	53	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1-12	0	0	0	0	0	0	0	8	113	248	383	509			
	13-24	497	446	399	358	327	333	325	305	280	256	235	219			
	1-12	209	201	192	177	148	96	69	0	18	43	55	60			
	13-24	62	62	63	65	68	71	72	68	54	25	0	0			
	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	39			
	1-12	170	343	509	600	549	496	453	419	391	360	312	237			
	13-24	197	176	158	160	163	159	151	141	132	123	97	54			

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
11-8-76	1-12 13-24	0 0	0 28	0 65	0 81	0 84	0 82	0 79	0 78	0 80	0 86	0 92	
11-9-76	1-12 13-24	96 80	70 89	24 91	0 86	0 68	28 28	58 0	72 0	77 0	78 0	78 0	
11-10-76	1-12 13-24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 2	
11-11-76	1-12 13-24	42 5	72 0	83 0	82 6	77 43	79 50	85 54	91 55	94 55	85 55	53 56	
11-12-76	1-12 13-24	58 0	60 0	63 0	64 0	62 0	41 0	17 0	0 0	0 0	0 25	0 155	
11-13-76	1-12 13-24	297 276	439 260	549 239	510 219	457 205	367 192	328 188	294 179	264 154	263 43	281 1	
11-14-76	1-12 13-24	0 529	13 597	40 534	56 461	63 383	66 304	66 272	68 244	118 218	254 196	393 175	
11-15-76	1-12 13-24	157 42	141 38	126 34	113 0	101 0	91 0	73 17	65 69	58 92	52 97	47 94	
11-16-76	1-12 13-24	90 47	90 59	96 64	104 66	110 66	104 66	16 70	0 73	0 76	1 77	25 73	
11-17-76	1-12 13-24	61 0	38 0	5 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
11-18-76	1-12 13-24	0 0	0 18	0 62	0 83	0 88	0 82	0 81	0 84	0 90	0 97	0 100	
11-19-76	1-12 13-24	91 72	62 75	11 79	0 81	1 78	50 43	63 7	68 0	69 0	69 0	70 0	
11-20-76	1-12 13-24	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
11-21-76	1-12 13-24	0 81	4 41	47 1	75 0	84 15	79 48	78 54	81 56	87 56	94 57	95 57	
11-22-76	1-12 13-24	59 0	61 0	64 0	66 0	65 0	46 0	22 0	0 0	0 0	0 0	0 0	

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR															
12-8-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-9-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	72
	13-24	87	89	85	82	84	89	97	101	93	61	8	8	0	0	0	0
12-10-76	1-12	2	28	50	61	65	66	66	67	69	73	76	76	78	0	0	0
	13-24	74	60	33	2	0	0	0	0	0	0	0	0	0	0	0	0
12-11-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	405	363	325	291	261	234	209	188	168	151	463	505	452	121	0	0
12-12-76	1-12	108	97	87	78	70	62	47	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	4	101	235	369	497	498	446	399	358	0	0	0	0
12-13-76	1-12	321	287	257	231	206	185	166	148	133	119	107	96	0	0	0	0
	13-24	86	77	69	21	0	0	0	0	0	0	0	0	0	0	0	0
12-14-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-15-76	1-12	0	0	0	0	0	5	52	81	90	88	84	83	0	0	0	0
	13-24	87	94	101	100	82	34	0	0	5	30	49	58	0	0	0	0
12-16-76	1-12	61	62	62	63	65	67	71	73	72	65	49	19	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-17-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-18-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-19-76	1-12	0	0	0	0	0	17	134	267	401	512	482	432	0	0	0	0
	13-24	387	347	311	278	249	223	200	179	161	144	129	115	0	0	0	0
12-20-76	1-12	103	93	83	74	67	26	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-21-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	12	71	99	103	98	95	99	109	116	109	66	0	0	0	0
12-22-76	1-12	4	0	3	27	45	99	227	355	480	547	500	458	0	0	0	0
	13-24	420	385	353	320	283	237	187	163	146	131	132	120	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR													
		109	99	90	83	76	69	64	59	54	50	46	43		
12-23-76	1-12	40	27	15	15	15	15	15	15	15	15	15	15	15	15
	13-24														
12-24-76	1-12	15	15	15	15	15	15	15	15	15	15	15	15	15	15
	13-24	15	15	15	15	15	15	15	15	15	15	15	15	15	15
12-25-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-26-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	497	486	436	390	350	313	281	251	225	8	111	243	181	374
12-27-76	1-12	145	130	116	104	93	84	75	67	60	32	0	0	0	0
	13-24	0	0	0	0	0	0	0	2	45	78	89	88	88	88
12-28-76	1-12	84	82	85	91	99	100	88	61	190	229	212	218	218	218
	13-24	220	212	202	189	177	167	159	153	148	143	134	119	119	119
12-29-76	1-12	95	57	42	38	34	31	28	25	23	21	19	17	17	17
	13-24	15	14	13	11	10	9	2	0	0	0	0	0	0	0
12-30-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-31-76	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 -1-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 -2-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 -3-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 -4-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1 -5-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	17	58	78	83	81	78	76	79	84	91	94	94	94
1 -6-77	1-12	87	62	14	0	1	24	48	60	65	66	66	67	67	67
	13-24	69	72	76	77	111	173	222	260	279	250	224	200	200	200

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		180	161	144	129	116	104	93	83	74	67	122	262
1-7-77	1-12	402	543	602	541	484	434	388	348	312	279	250	217
	13-24												
1-8-77	1-12	188	168	151	135	121	108	97	87	78	70	0	0
	13-24	0	0	0	0	0	0	0	101	237	216	196	177
1-9-77	1-12	160	178	301	434	567	659	603	542	486	436	391	350
	13-24	314	283	254	228	204	183	165	147	133	119	107	95
1-10-77	1-12	86	77	12	11	10	9	8	7	7	6	5	5
	13-24	4	4	4	3	3	3	2	2	2	2	2	2
1-11-77	1-12	1	1	1	1	8	46	68	76	75	72	70	70
	13-24	74	80	85	83	69	35	1	0	9	34	49	56
1-12-77	1-12	58	59	59	60	62	65	68	69	66	55	34	4
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1-13-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
1-14-77	1-12	0	0	0	0	0	0	0	0	0	0	0	26
	13-24	26	26	26	26	26	26	26	26	26	26	26	26
1-15-77	1-12	26	26	26	26	26	26	26	26	26	26	26	26
	13-24	26	0	0	0	0	0	0	0	0	0	0	0
1-16-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	42	223	226	205	185	168	152	137	124	112	102	92
1-17-77	1-12	83	75	68	62	56	51	46	41	37	34	31	28
	13-24	25	23	21	19	17	15	14	12	11	10	9	8
1-18-77	1-12	8	7	6	6	5	5	4	7	65	86	78	71
	13-24	63	59	170	342	516	687	702	628	564	505	453	405
1-19-77	1-12	364	326	292	262	234	210	188	169	151	136	122	109
	13-24	98	88	79	70	63	56	51	46	41	36	2	2
1-20-77	1-12	1	0	0	0	30	30	30	30	30	30	30	30
	13-24	30	30	30	30	30	30	30	30	30	30	30	0
1-21-77	1-12	0	0	0	0	0	0	0	0	21	111	205	300
	13-24	366	336	301	270	242	216	194	174	156	139	125	120

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		162	181	175	163	171	167	170	171	120	84	24	18
1-22-77	1-12	21	55	79	89	91	91	92	96	101	103	99	81
	13-24												
1-23-77	1-12	46	18	18	18	18	18	18	18	18	18	18	18
	13-24	18	18	18	18	18	18	18	18	18	18	0	0
1-24-77	1-12	0	0	24	82	77	71	149	289	430	570	595	533
	13-24	479	429	384	345	309	277	248	223	200	179	161	144
1-25-77	1-12	130	116	104	93	83	74	6	5	5	28	175	186
	13-24	168	152	138	124	113	102	93	84	75	68	62	56
1-26-77	1-12	51	46	42	38	34	31	28	26	22	20	18	17
	13-24	15	56	88	92	90	86	86	93	101	104	86	31
1-27-77	1-12	0	0	5	29	45	60	171	307	443	571	561	511
	13-24	467	427	389	349	304	250	209	187	167	150	134	120
1-28-77	1-12	108	97	87	78	69	62	56	74	69	64	60	56
	13-24	53	50	47	45	43	24	24	24	24	24	24	24
1-29-77	1-12	0	0	5	58	99	106	102	99	100	108	117	116
	13-24	92	31	10	10	21	50	66	72	74	75	75	77
1-30-77	1-12	80	84	86	83	73	48	14	10	10	10	10	10
	13-24	12	108	254	400	543	557	500	449	394	353	316	283
1-31-77	1-12	254	227	203	182	163	146	131	117	105	94	84	76
	13-24	68	0	0	0	0	0	0	0	0	0	0	0
2 -1-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2 -2-77	1-12	0	0	0	0	0	0	0	0	0	1	41	77
	13-24	89	89	85	83	85	91	99	101	90	53	3	6
2 -3-77	1-12	144	216	235	230	218	206	194	184	177	171	167	161
	13-24	153	137	110	73	18	18	18	18	18	33	158	176
2 -4-77	1-12	161	147	135	124	114	105	97	89	82	76	71	66
	13-24	61	57	53	50	29	26	24	41	39	38	27	20
2 -5-77	1-12	20	20	23	54	75	82	81	78	77	79	83	88
	13-24	90	84	62	26	20	29	49	60	65	66	67	67

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		68	70	72	74	74	74	74	74	74	74	74	74
2-6-77	1-12	68	70	72	74	74	74	74	74	74	74	74	74
	13-24	20	20	20	20	20	20	20	20	20	20	20	20
2-7-77	1-12	450	591	579	520	468	422	380	342	309	279	252	228
	13-24	206	187	169	154	140	127	135	177	186	158	84	85
2-8-77	1-12	92	122	244	224	147	126	115	131	143	144	138	132
	13-24	126	123	121	119	114	111	83	45	38	35	33	31
2-9-77	1-12	29	27	25	24	23	21	20	15	10	10	10	10
	13-24	10	10	10	10	10	10	15	134	175	159	145	132
2-10-77	1-12	121	110	100	92	84	67	61	55	50	45	41	37
	13-24	33	30	27	25	22	20	18	45	191	344	496	591
2-11-77	1-12	537	481	431	386	346	310	278	249	223	270	423	391
	13-24	352	318	286	258	232	209	189	104	94	85	77	70
2-12-77	1-12	63	57	51	47	42	38	34	31	28	26	23	21
	13-24	19	17	16	14	13	11	10	9	9	8	7	6
2-13-77	1-12	6	5	5	4	4	2	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2-14-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2-15-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2-16-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	66	251	439	626	726	654
2-17-77	1-12	586	525	470	421	377	349	314	282	254	229	206	186
	13-24	168	151	137	124	112	87	11	11	11	11	11	11
2-18-77	1-12	11	11	11	11	11	20	138	290	442	583	571	512
	13-24	460	413	371	334	300	270	243	219	197	178	160	134
2-19-77	1-12	120	107	96	86	77	58	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
2-20-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0

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TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z		KR-85 RELEASE RATE, CI/HR												
	1-12	13-24	0	9	202	268	243	219	198	180	163	147	133	120	110
2-21-77			112	137	151	151	143	133	125	120	120	121	120	120	110
2-22-77	1-12	13-24	86	53	65	76	80	79	77	66	62	66	69	69	69
			62	43	10	0	0	0	0	0	0	0	0	0	0
2-23-77	1-12	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
2-24-77	1-12	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	0	0	0	0	0	0	0
2-25-77	1-12	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0
			0	0	0	0	0	0	9	245	455	580	707	780	780
2-26-77	1-12	13-24	707	646	582	524	471	425	382	345	327	327	313	291	291
			266	244	226	214	205	196	182	218	297	393	549	639	639
2-27-77	1-12	13-24	576	527	479	436	398	419	542	670	798	850	753	650	650
			579	519	466	420	376	339	305	274	223	170	143	128	128
2-28-77	1-12	13-24	115	103	92	82	38	0	0	0	0	0	0	0	0
			0	0	9	128	279	431	573	560	502	449	403	361	361
3 -1-77	1-12	13-24	323	289	285	418	406	365	329	297	267	240	217	194	194
			175	158	126	66	60	54	49	44	40	36	33	30	30
3 -2-77	1-12	13-24	27	24	22	20	18	16	15	13	12	11	10	9	9
			7	0	0	0	0	0	0	0	0	0	0	8	8
3 -3-77	1-12	13-24	8	8	8	8	8	8	8	8	8	8	8	8	8
			160	146	160	176	175	166	156	146	138	136	136	134	134
3 -4-77	1-12	13-24	126	102	61	66	83	89	89	87	85	85	86	87	87
			87	83	67	38	17	16	16	15	14	14	13	13	13
3 -5-77	1-12	13-24	12	12	3	3	3	1	0	0	0	0	0	0	0
			16	154	174	157	142	129	124	113	103	93	85	78	78
3 -6-77	1-12	13-24	71	65	59	65	202	380	557	723	705	632	568	509	509
			457	410	369	331	298	268	241	217	195	175	157	142	142
3 -7-77	1-12	13-24	128	115	104	67	11	11	10	9	7	7	7	7	7
			15	129	275	420	555	543	487	437	393	352	316	284	284

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		255	229	206	186	160	143	128	115	114	253	321	315
3-8-77	1-12	269	211	197	186	180	178	172	152	107	61	55	50
	13-24												
3-9-77	1-12	45	57	75	83	85	83	81	78	78	79	81	81
	13-24	77	66	39	4	0	0	0	0	0	0	0	0
3-10-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	68	259	453	647	749	676	605	542	486	435	390
3-11-77	1-12	349	313	280	251	225	202	181	162	145	130	116	104
	13-24	93	84	75	67	60	54	48	43	39	35	0	0
3-12-77	1-12	0	0	51	192	532	676	752	697	645	402	360	322
	13-24	289	259	232	208	186	167	149	134	120	107	96	86
3-13-77	1-12	77	69	62	29	0	0	0	0	0	28	95	107
	13-24	106	102	96	91	86	85	87	88	89	84	72	45
3-14-77	1-12	16	13	20	36	46	51	52	52	90	226	371	517
	13-24	608	559	507	459	412	363	311	262	235	210	189	169
3-15-77	1-12	151	136	130	121	107	96	87	78	70	12	6	5
	13-24	5	4	4	2	0	0	0	0	0	0	0	0
3-16-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	25	51	62	64	62	60
3-17-77	1-12	59	62	66	71	73	67	47	10	0	0	12	109
	13-24	267	417	564	611	553	503	459	420	385	349	310	263
3-18-77	1-12	211	186	166	149	133	120	107	96	86	77	52	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
3-19-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
3-20-77	1-12	18	144	288	431	551	519	465	417	373	335	300	268
	13-24	241	215	193	173	155	139	124	111	100	89	80	72
3-21-77	1-12	64	44	0	0	0	0	0	0	0	0	0	0
	13-24	12	122	254	386	503	483	432	387	347	311	278	249
3-22-77	1-12	224	200	179	161	144	129	116	104	93	83	74	67
	13-24	60	54	48	43	38	34	31	28	25	45	73	83

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		83	79	75	74	75	80	83	82	70	38	6	5
3-23-77	1-12	11	35	48	55	56	57	56	60	63	64	63	63
	13-24	83	79	75	74	75	80	83	82	70	38	6	5
3-24-77	1-12	55	37	8	1	1	1	1	1	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
3-25-77	1-12	0	0	0	0	0	0	0	0	0	0	0	41
	13-24	68	76	74	71	71	75	82	86	80	51	2	0
3-26-77	1-12	3	23	37	95	241	387	532	609	555	460	420	420
	13-24	382	345	305	261	214	188	168	151	135	121	108	97
3-27-77	1-12	87	78	70	27	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	42	183	329	474	565	513
3-28-77	1-12	460	412	369	331	296	265	238	213	192	210	223	215
	13-24	199	183	172	165	164	159	78	42	1	0	9	33
3-29-77	1-12	46	52	54	54	54	56	59	62	63	61	52	32
	13-24	4	0	0	0	0	0	0	0	0	0	0	0
3-30-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	1
3-31-77	1-12	43	76	84	81	78	79	86	94	93	70	15	0
	13-24	0	0	8	38	55	62	63	63	65	68	72	74
4 -1-77	1-12	70	54	19	0	0	37	164	295	425	507	460	412
	13-24	369	331	296	266	238	213	191	171	153	137	123	110
4 -2-77	1-12	99	88	79	71	48	0	3	33	55	64	65	62
	13-24	60	60	62	67	72	73	68	49	13	0	1	22
4 -3-77	1-12	40	50	53	54	54	55	57	59	62	64	61	51
	13-24	29	3	0	0	0	0	0	0	0	0	0	0
4 -4-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4 -5-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4 -6-77	1-12	0	0	0	0	2	87	216	345	472	485	434	389
	13-24	348	312	280	250	224	201	180	161	145	129	116	104

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
4-7-77	1-12	93	83	75	67	60	28	0	0	0	6	41	62
	13-24	68	68	65	63	64	69	74	78	74	58	21	14
4-8-77	1-12	38	51	56	57	57	58	59	63	66	67	63	50
	13-24	23	0	0	0	0	0	0	0	0	0	0	0
4-9-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-10-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	23	141	271	400
4-11-77	1-12	500	464	416	373	334	299	268	240	215	193	173	155
	13-24	139	124	111	100	89	80	72	64	44	0	0	0
4-12-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	47	97	107
4-13-77	1-12	102	99	105	116	121	98	25	0	0	20	53	67
	13-24	72	73	73	76	80	84	85	75	49	6	0	0
4-14-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-15-77	1-12	0	25	80	98	98	93	93	100	110	111	88	22
	13-24	0	3	37	62	71	74	74	75	79	84	86	82
4-16-77	1-12	64	22	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-17-77	1-12	0	0	0	0	0	0	46	174	304	434	503	454
	13-24	406	364	328	352	364	342	312	288	277	270	255	206
4-18-77	1-12	119	97	92	121	136	138	87	77	79	83	88	89
	13-24	79	49	4	0	0	0	55	184	313	443	498	447
4-19-77	1-12	401	359	322	288	258	231	207	186	166	149	133	120
	13-24	107	96	86	77	69	62	28	0	0	0	0	0
4-20-77	1-12	0	0	0	0	5	105	244	383	517	518	464	416
	13-24	372	333	299	268	240	215	192	172	154	138	124	111
4-21-77	1-12	99	89	80	72	64	10	19	148	295	442	566	533
	13-24	477	428	383	343	307	275	247	221	198	177	159	142

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		128	114	102	92	82	74	66	59	53	47	42	38
4-22-77	1-12	34	31	27	25	22	20	18	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-23-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	37	161	290
4-24-77	1-12	418	498	452	405	363	325	291	261	234	216	234	235
	13-24	223	205	188	175	167	164	159	147	118	68	22	0
4-25-77	1-12	10	35	48	54	55	55	56	58	61	64	65	60
	13-24	46	17	0	0	0	0	0	0	0	0	0	0
4-26-77	1-12	0	0	0	0	0	0	0	0	8	110	240	370
	13-24	492	481	431	386	346	310	277	249	223	199	179	160
4-27-77	1-12	143	128	115	103	92	83	74	66	21	0	0	0
	13-24	0	0	0	0	0	33	72	85	85	81	79	83
4-28-77	1-12	91	97	93	66	11	8	110	262	421	556	549	499
	13-24	454	416	383	355	328	297	256	199	161	144	129	116
4-29-77	1-12	104	93	83	74	67	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
4-30-77	1-12	0	0	0	0	3	47	77	82	96	208	342	481
	13-24	596	560	474	381	341	321	316	300	278	256	236	219
5 -1-77	1-12	206	195	182	165	135	92	73	55	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
5 -2-77	1-12	0	0	0	0	0	0	0	0	53	108	116	110
	13-24	108	117	129	128	81	4	0	6	47	73	81	83
5 -3-77	1-12	83	86	91	151	278	388	471	497	446	400	358	321
	13-24	287	257	231	207	185	166	148	133	119	107	96	86
5 -4-77	1-12	77	69	62	0	0	0	0	0	0	0	0	23
	13-24	141	270	399	499	463	415	372	333	298	267	239	214
5 -5-77	1-12	192	172	154	138	124	111	99	89	80	71	64	15
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
5 -6-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		0	66	0	14	69	92	94	90	88	91	100	107
5-22-77	13-24	101	66	6	0	6	38	58	66	68	69	69	72
5-23-77	1-12	76	79	80	72	50	11	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
5-24-77	1-12	0	0	0	0	0	0	0	0	0	0	10	52
	13-24	72	77	74	71	71	75	82	87	83	62	15	0
5-25-77	1-12	0	17	40	52	56	58	58	58	60	63	66	68
	13-24	64	52	26	1	0	0	0	0	0	0	0	37
5-26-77	1-12	160	288	415	495	449	403	361	323	289	259	232	208
	13-24	186	167	150	134	120	108	96	86	77	69	62	56
5-27-77	1-12	9	0	9	58	83	88	85	81	83	89	97	99
	13-24	85	39	0	0	0	20	43	55	59	61	61	61
5-28-77	1-12	63	66	69	71	68	58	36	4	0	0	0	0
	13-24	0	61	190	319	448	494	443	397	356	319	285	256
5-29-77	1-12	229	205	184	165	148	132	118	106	95	85	76	68
	13-24	61	0	0	0	0	0	0	0	0	0	15	71
5-30-77	1-12	91	91	87	87	94	103	102	72	9	0	16	46
	13-24	62	142	271	402	532	563	516	470	420	357	287	253
5-31-77	1-12	227	203	182	163	146	131	117	105	94	84	76	68
	13-24	41	0	0	0	0	0	0	0	0	0	0	0
6 -1-77	1-12	0	7	104	227	350	465	455	408	365	327	293	263
	13-24	255	211	189	169	152	136	122	109	98	87	78	70
6 -2-77	1-12	63	56	50	45	41	36	30	0	0	0	0	0
	13-24	0	0	0	0	0	6	67	96	96	91	93	103
6 -3-77	1-12	110	95	29	0	0	16	39	50	54	55	55	56
	13-24	58	61	64	65	60	45	17	0	0	0	0	0
6 -4-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	79	234
6 -5-77	1-12	390	545	595	533	477	427	383	343	307	275	247	221
	13-24	198	177	159	142	128	114	102	92	82	74	66	59

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR															
		53	47	42	38	34	31	27	0	0	0	0					
6-6-77	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-7-77	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-8-77	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6-9-77	1-12 13-24	47 35	82 59	88 68	84 70	81 70	85 72	94 77	99 81	87 79	36 63	21	0	2	0	0	0
6-10-77	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-11-77	1-12 13-24	454	412	400	380	350	319	290	264	244	264	216	489	201	391	216	0
6-12-77	1-12 13-24	178	140	98	87	78	70	63	10	0	0	0	0	0	0	0	0
6-13-77	1-12 13-24	294	263	236	211	189	169	152	136	122	109	98	328	88	366	109	0
6-14-77	1-12 13-24	78	70	48	374	457	419	376	337	302	270	242	217	0	0	0	0
6-15-77	1-12 13-24	194	174	156	140	125	112	100	90	81	72	65	58	0	72	19	0
6-16-77	1-12 13-24	52	47	42	37	33	30	27	24	22	19	16	0	0	0	0	0
6-17-77	1-12 13-24	221	201	180	161	144	129	116	104	93	83	75	186	67	129	75	0
6-18-77	1-12 13-24	60	54	48	43	39	35	31	17	0	0	0	0	0	0	0	0
6-19-77	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-20-77	1-12 13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		0	0	0	0	0	0	0	0	0	0	0	0
6-21-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-22-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-23-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-24-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-25-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-26-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-27-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-28-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
6-29-77	1-12	0	0	54	180	307	433	488	438	392	351	315	282
	13-24	253	226	203	182	163	146	131	117	105	94	84	75
6-30-77	1-12	68	46	0	0	0	0	0	0	0	22	210	237
	13-24	215	194	176	159	144	130	118	107	97	87	79	72
7 -1-77	1-12	54	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -2-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -3-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -4-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -5-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR											
		0	0	0	0	0	0	0	0	0	0	0	0
7 -6-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -7-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -8-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7 -9-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	468	419	375	336	301	270	242	217	194	174	156	139
7-10-77	1-12	125	112	100	90	80	72	65	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	103	241
7-11-77	1-12	219	198	180	162	147	133	120	109	99	89	81	73
	13-24	66	21	0	23	144	276	408	510	474	424	380	341
7-12-77	1-12	305	273	245	219	197	176	158	141	127	113	102	91
	13-24	82	73	50	0	0	0	0	0	0	0	0	0
7-13-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7-14-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	48	95	86
7-15-77	1-12	78	70	64	58	52	47	43	39	35	32	29	26
	13-24	23	21	19	17	16	14	13	12	11	10	9	8
7-16-77	1-12	7	6	6	5	5	4	4	4	3	3	3	2
	13-24	2	2	2	2	1	1	1	1	1	1	1	1
7-17-77	1-12	1	1	1	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7-18-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0
7-19-77	1-12	0	0	0	0	8	111	243	375	498	487	436	391
	13-24	350	314	281	252	225	202	181	162	145	130	117	104
7-20-77	1-12	94	84	75	67	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 1. KR-85 HOURLY RELEASE RATE, AUG. 1, 1975 - JULY 31, 1977. (CONT'D)

DATE	ENDING HOUR, Z	KR-85 RELEASE RATE, CI/HR																		
7-21-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-22-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-23-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-24-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-25-77	1-12	494	483	432	387	347	311	334	342	307	8	110	241	372						
	13-24	200	179	161	145	130	117	105	95	70	23	275	247	222						
7-26-77	1-12	17	15	14	12	11	10	9	8	8	7	20	6	19						
	13-24	5	5	4	4	3	3	3	3	2	2	2	2	1						
7-27-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0						
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0						
7-28-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0						
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0						
7-29-77	1-12	0	0	0	0	0	0	0	0	0	0	0	0	0						
	13-24	0	0	0	0	0	0	0	0	0	0	0	0	0						
7-30-77	1-12	0	23	144	277	409	512	528	531	476	428	384	344							
	13-24	310	278	249	224	201	181	162	146	131	98	82	73							
7-31-77	1-12	34	0	0	0	0	0	0	0	0	0	0	0							
	13-24	0	0	0	0	0	0	0	0	0	0	0	0							

TABLE II.

**Weekly and Twice-Daily Average Krypton-85 Concentration
Data and Krypton-85 Source Term Magnetic Tape Format**

TAPE CHARACTERISTICS

TYPE - 9 track, 1600 bpi, EBCDIC
LABEL - None
RECFM - FB
LRECL - File 1: 60 File 2: 80 File 3: 80
BLKSIZE - File 1: 6000 File 2: 800 File 3: 800

TAPE ORGANIZATION

File 1: Weekly concentration data
File 2: Twice-daily concentration data
File 3: Hourly Kr-85 release data

DATA FORMAT

File 1: One sampler per record as follows:

station number (3X,I2)
year (1X,I2)
starting day (1X,I3)
starting hour (9X,I2)
ending day (3X,I3)
ending hour (5X,I2)
sample duration days (3X,F5.1)
concentration (3X,F6.1)

File 2: One sample per record as follows:

station number (3X,I2)
year (1X,I2)
starting day (1X,I3)
AM (A) or PM (P) designator (3X,A1)
starting time - hour, minutes (3X,I4)
sample duration hours (16X,F5.1)
concentration (3X,F6.1)

File 3: Hourly Kr-85 releases; two records per day, as follows:

julian date (1X,I6)
beginning hour of releases (=1) (1X,I2)
ending hour of releases (=12) (1X,I2)
hourly Kr-85 releases for hours 1-12, Ci/hr (1X,I2I4)

date-month, day, year, mmddy (1X,I6)
beginning hour of releases (=13) (1X,I2)
ending hour of releases (=24) (1X,I2)
hourly Kr-85 releases for hours 13-24, Ci/hr (1X,I2I4)

File 3 format: (1X, I6, 1X, I2, 1X, I2, 1X, I2I4)

TABLE II. (Continued)

THIS TAPE IS AVAILABLE FROM

National Climatic Center
NOAA
Digital Products Section
Federal Building
Asheville, NC 28801

The following tape name should accompany the request:

Savannah River Experiment (SRE), 1975-1977
NCC Library TD-9790
Weekly and Twice-Daily Average Krypton-85 Concentration
Data
(1 tape).

Information on the contents of other data tapes for the SRE
and how to order them is given in Reference 1.

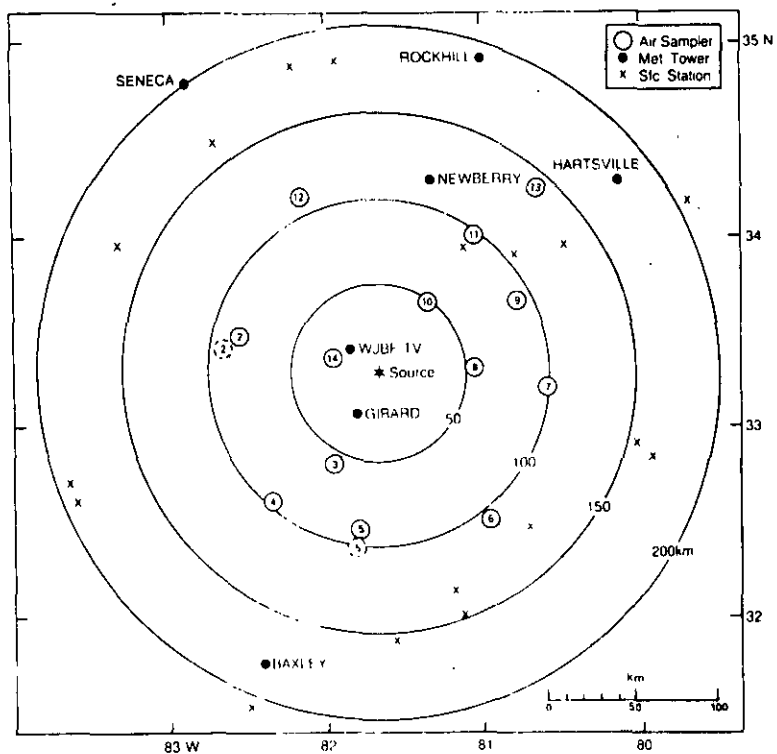


FIGURE 1. Krypton-85 Cryogenic Air Sampling Stations, Meteorological Towers and Surface Weather Stations Within 200 km of the SRP Source. Dashed circles indicate earlier sampling location.

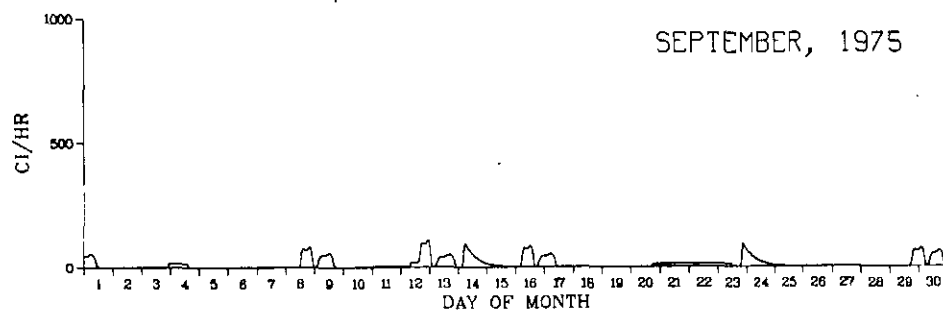
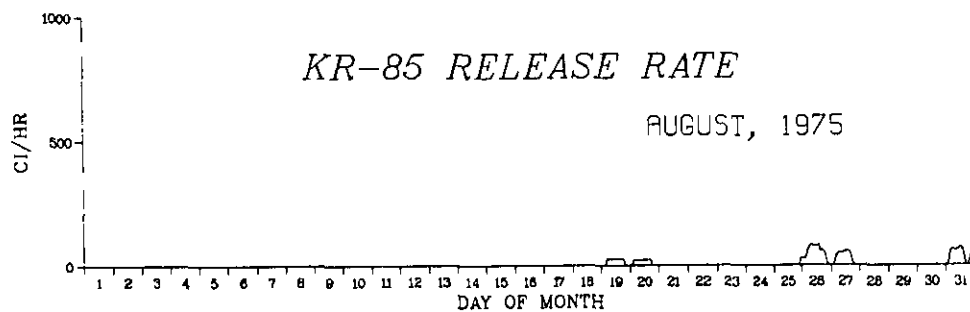


FIGURE 2a. Krypton-85 Release Rate for August and September, 1975

KR-85 RELEASE RATE

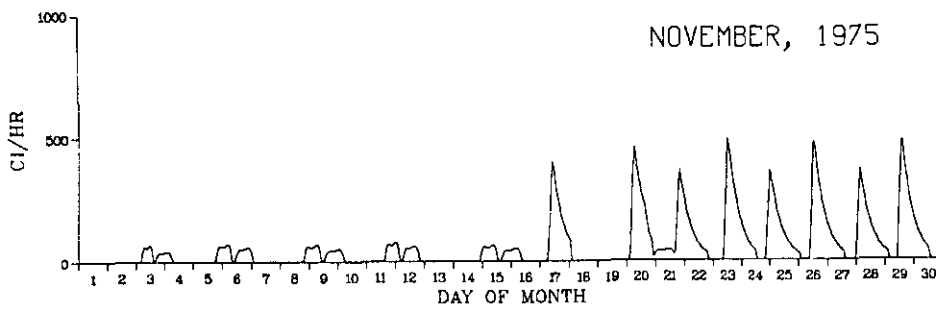
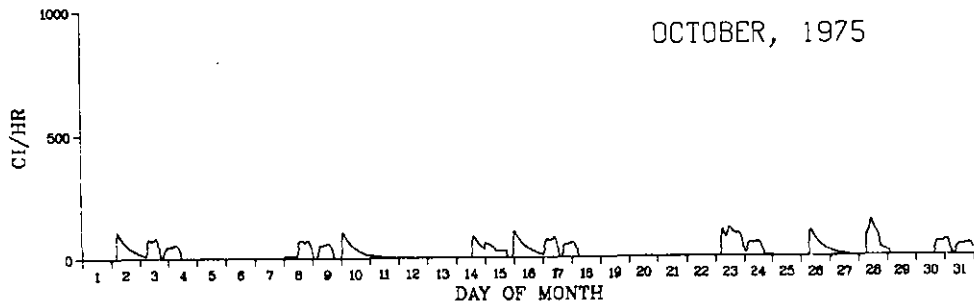


FIGURE 2b. Krypton-85 Release Rate for October and November, 1975

KR-85 RELEASE RATE

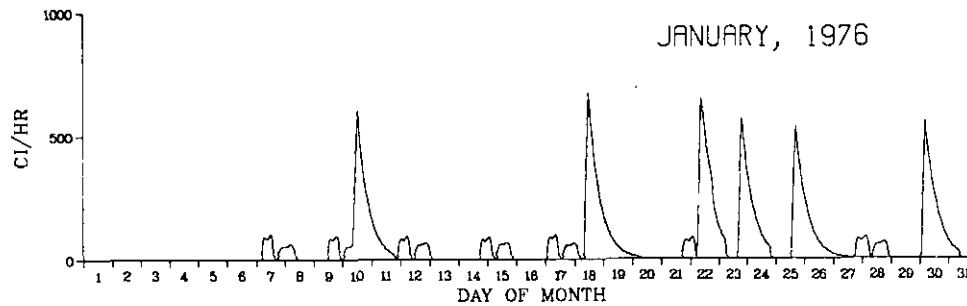
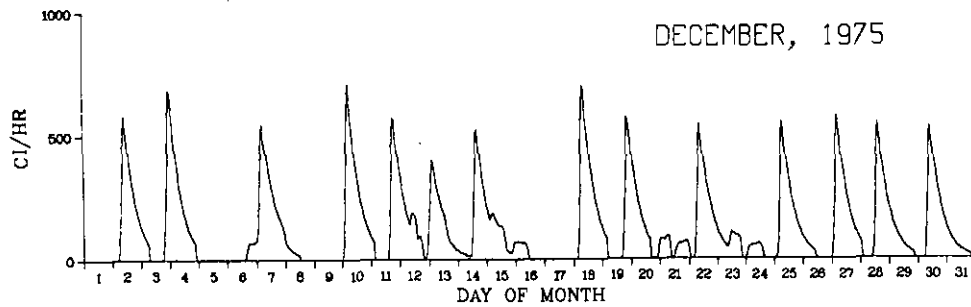


FIGURE 2c. Krypton-85 Release Rate for December, 1975 and January, 1976

KR-85 RELEASE RATE

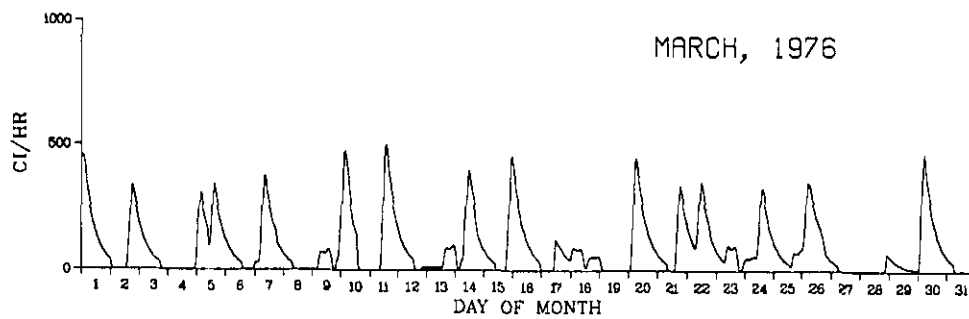
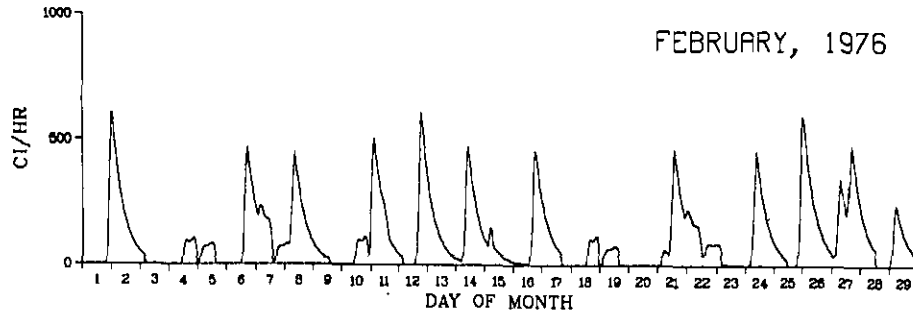


FIGURE 2d. Krypton-85 Release Rate for February and March, 1976

KR-85 RELEASE RATE

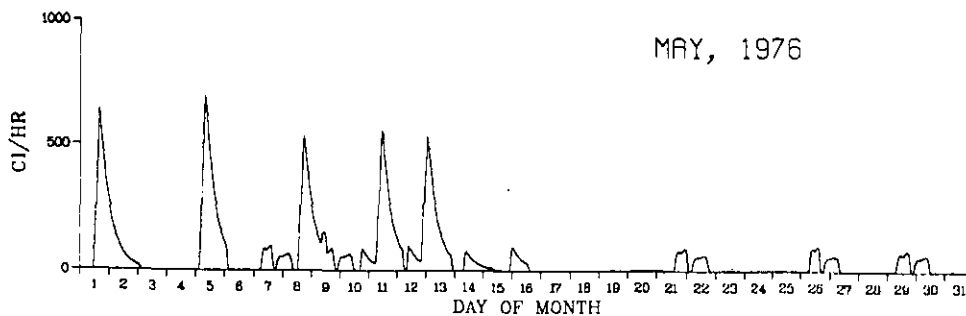
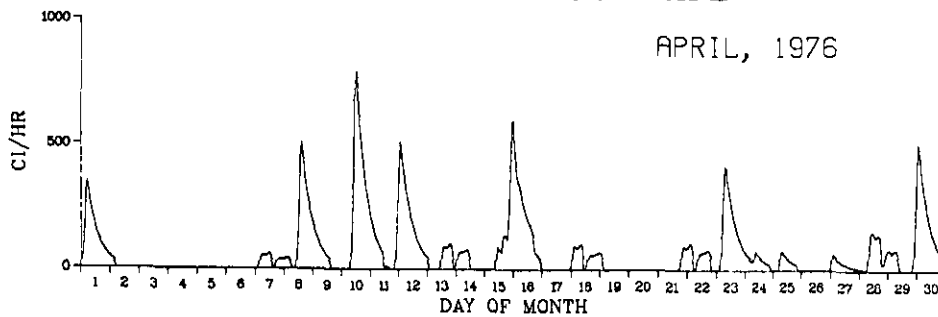


FIGURE 2e. Krypton-85 Release Rate for April and May, 1976

KR-85 RELEASE RATE

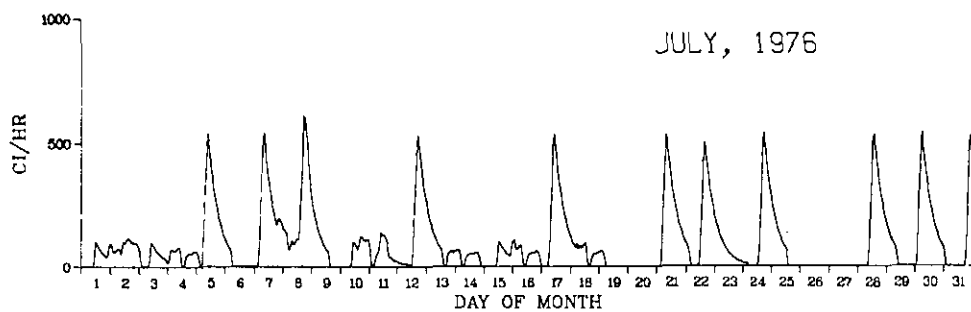
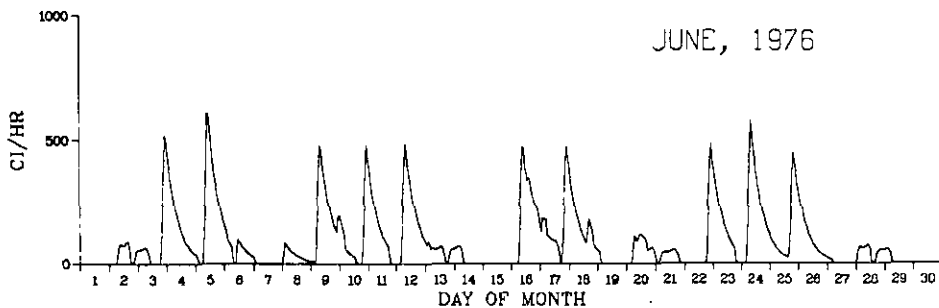


FIGURE 2f. Krypton-85 Release Rate for June and July, 1976

KR-85 RELEASE RATE

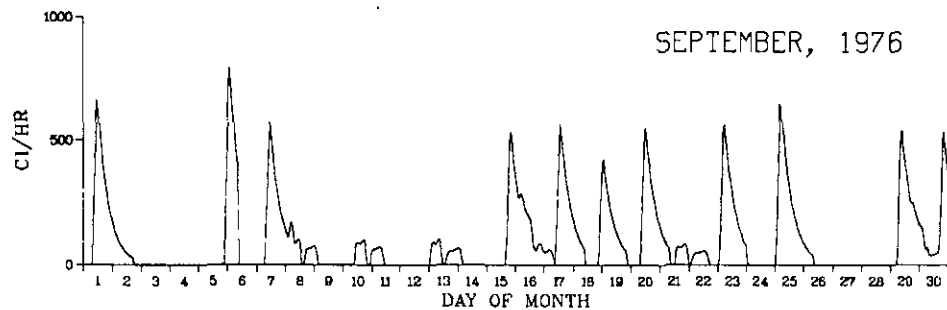
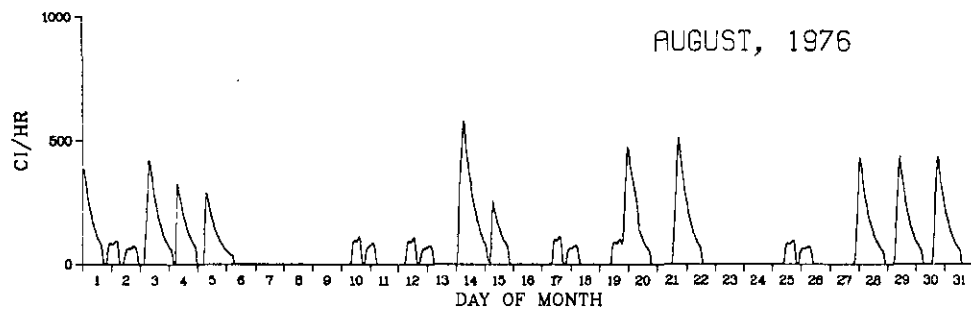


FIGURE 2g. Krypton-85 Release Rate for August and September, 1976

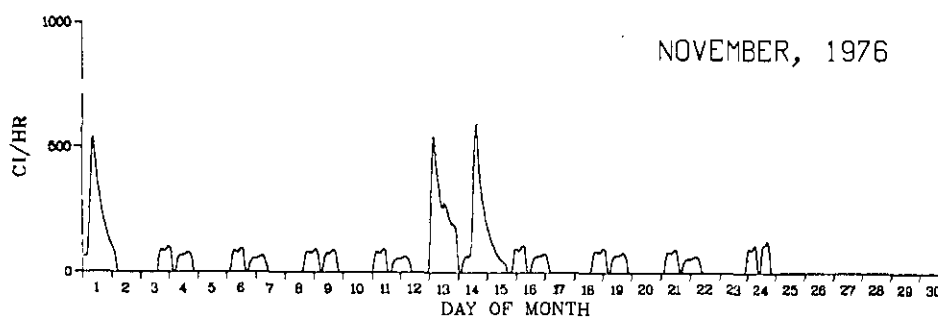
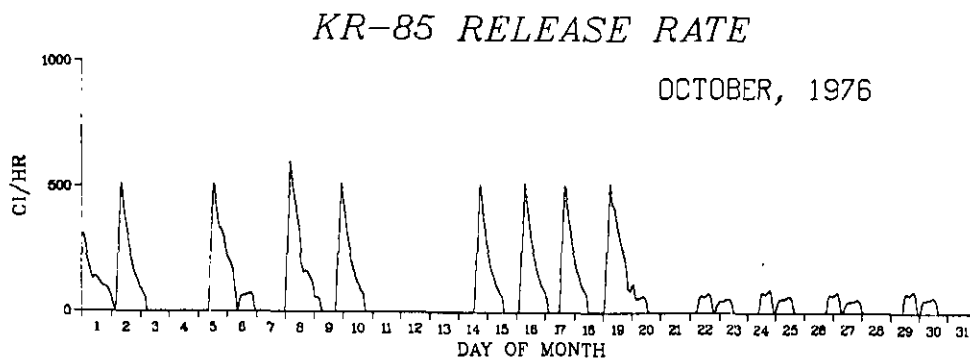


FIGURE 2h. Krypton-85 Release Rate for October and November, 1976

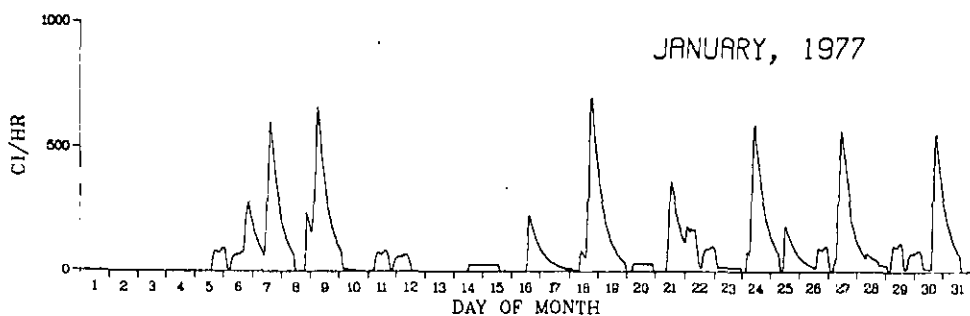
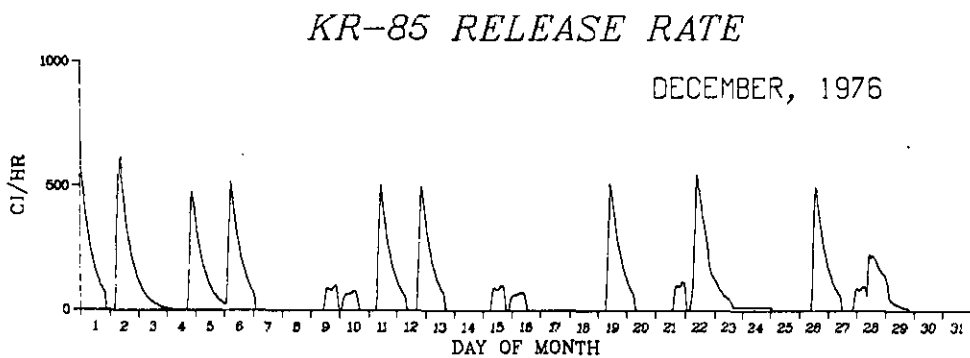


FIGURE 2i. Krypton-85 Release Rate for December, 1976 and January, 1977

KR-85 RELEASE RATE

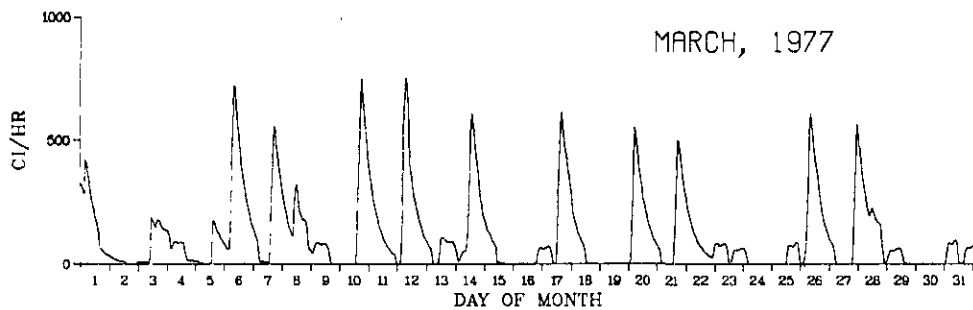
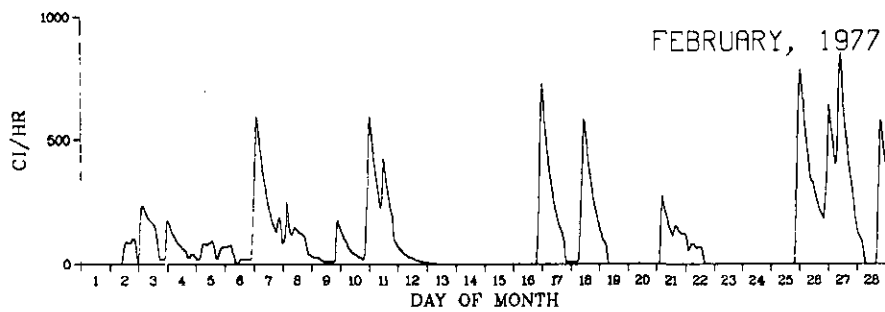


FIGURE 2j. Krypton-85 Release Rate for February and March, 1977

KR-85 RELEASE RATE

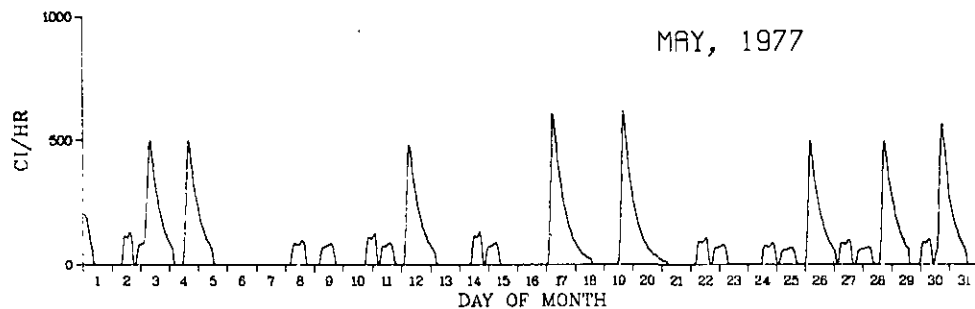
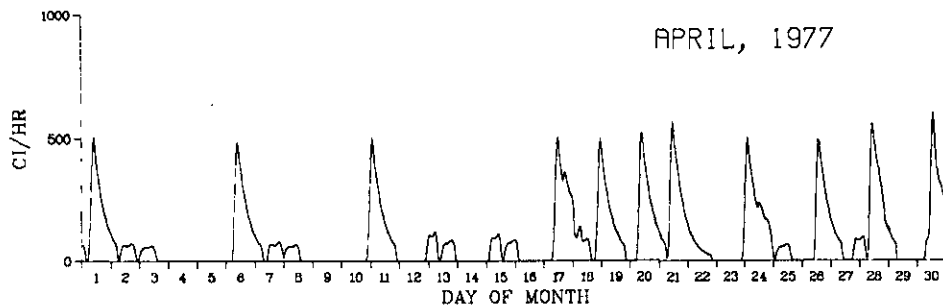


FIGURE 2k. Krypton-85 Release Rate for April and May, 1977

KR-85 RELEASE RATE

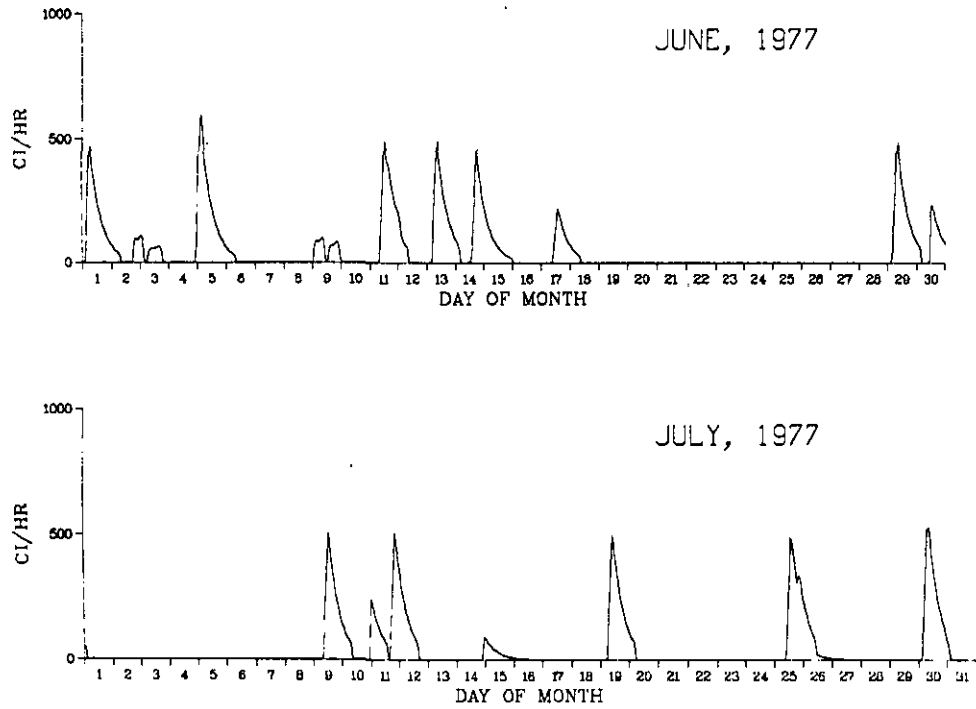


FIGURE 21. Krypton-85 Release Rate for June and July, 1977

U.S. DEPARTMENT OF ENERGY

DOE AND MAJOR CONTRACTOR RECOMMENDATIONS FOR
DISPOSITION OF SCIENTIFIC AND TECHNICAL DOCUMENT

See Instructions on Reverse Side

1. DOE Report No. DP-1596	2. Contract No. DE-AC09-76SR00001	3. Subject Category No. UC-11
------------------------------	--------------------------------------	----------------------------------

4. Title
"Hourly Krypton-85 Releases from the Savannah River Plant,
August 1975 Through July 1977"

5. Type of Document ("x" one)
 a. Scientific and technical report
 b. Conference paper: Title of conference _____
 _____ Date of conference _____

Exact location of conference _____ Sponsoring organization _____
 c. Other (Specify Thesis, Translations, etc.) _____

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 Does this information product disclose any new equipment, process or material? Yes No
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 b. Document has been sent to responsible DOE patent group for clearance.

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TITLE: Hourly Keypunch - 85

August 1975 through July 1977

AUTHOR(S): CE Bailey

CLASSIFICATION: _____ DATE REC'D BY TIS _____

EDITOR: CE Braun

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ATOMIC ENERGY DIVISION
SAVANNAH RIVER LABORATORY
AIKEN, SOUTH CAROLINA 29801

(TWA: 810-771-2670, TEL: 803-624-6331, WU: AUGUSTA, GA.)

August 7, 1981

Mr. A. F. Westerdahl, Chief
Patent Branch
U. S. Department of Energy
Aiken, South Carolina 29801

Dear Mr. Westerdahl:

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SAVANNAH RIVER LABORATORY

AIKEN, SOUTH CAROLINA 29801

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Author(s); C. E. Bailey

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August, 1975 through July, 1977.

DIVISION Environmental Transport Division (ETD)

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