



UNITED STATES DEPARTMENT OF COMMERCE
National Bureau of Standards
Washington, D.C. 20234

October 29, 1979

Dr. Lew Battist
Mail Stop A5-400
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Lew:

Enclosed is a copy of the printout from which the most probable cumulative dose was derived. One part contains the input and output; the other is a list of the population and TLD-station data.

Also enclosed are xerox copies of the input TLD data for the upper and lower bound calculations. Corrections of 15% for systematic errors were applied to these numbers (see pp 122, 123 of our report) to obtain the value given in our report. I can send you the entire printouts for these two runs if you would like to have them.

If you have any further questions or requests, please call me.

Sincerely,

Charlie

Charles Eisenhauer
Nuclear Radiation Division
Center for Radiation Research

Enclosures

8001160 915 p

RUN 23C, MET ED + NPC, 1-79 THRU 4-79, F3

TLD DATA FOR PERIOD: MPC1/03-3/29



STATION	DIR	DIS	GROSS	SIG	DOSE
1S2	N	.400	72.2	11.0	83.2
1S2Q	N	.400	78.4	11.7	90.1
1C1	N	2.60	6.70	2.30	9.00
2S2	NNE	.700	27.3	5.00	32.3
4S2	ENE	.300	18.2	4.00	22.2
4S2Q	ENE	.300	16.5	4.00	20.5
4A1	ENE	.500	5.50	2.30	7.80
4G1Q	ENE	10.0	2.80	2.50	5.30
4G1	ENE	10.0	1.00	2.00	3.00
5S2Q	E	.200	14.6	3.50	18.1
5S2	E	.200	15.2	3.50	18.7
5A1	E	.400	4.10	2.20	6.30
5A1Q	E	.400	2.30	2.30	4.60
7F1Q	SE	9.00	4.70	3.20	7.90
7F1	SE	9.00	3.70	2.80	6.50
7G1	SE	15.0	3.50	3.00	6.50
8C1	SSE	2.30	2.10	1.50	3.60
8C1Q	SSE	2.30	.300	1.80	2.10
9S2	S	.400	9.50	2.90	12.4
9G1	S	13.0	3.80	2.50	6.30
10B1	SSW	1.10	28.3	4.40	32.7
11S1	SW	1.000-01	174.	24.4	199.
11S1Q	SW	1.000-01	152.	20.0	172.
12B1	WSW	1.60	4.80	1.90	6.70
14S1	WNW	.400	116.	15.8	132.
15G1	NW	15.0	2.50	2.20	4.70
15G1Q	NW	15.0	3.40	2.40	5.80
16S1	NNW	.200	891.	118.	1.009+03
16S1Q	NNW	.200	918.	113.	1.031+03
16A1	NNW	.400	784.	103.	887.

Report Data for Upper Bound Run

POOR ORIGINAL

TLD DATA FOR PERIOD: MPC1/03-3/29

STATION	DIR	DIS	GROSS	SIG	DOSE
1S2	N	.400	72.2	11.0	61.2
1S20	N	.400	78.4	14.5	63.9
1C1	N	2.60	6.70	2.30	4.40
2S2	NNE	.700	27.3	5.00	22.3
4S2	ENE	.300	18.2	4.00	14.2
4S20	ENE	.300	16.5	8.60	7.90
4A1	ENE	.500	5.50	2.30	3.20
4G10	ENE	10.0	2.80	8.20	-5.40
4G1	ENE	10.0	1.00	2.00	-1.00
5S20	E	.200	14.6	9.10	5.50
5S2	E	.200	15.2	3.50	11.7
5A1	E	.400	4.10	2.20	1.90
5A10	E	.400	2.30	7.20	-4.90
7F10	SE	9.00	4.70	10.2	-5.50
7F1	SE	9.00	3.70	2.80	.900
7G1	SE	15.0	3.50	3.00	.500
8C1	SSE	2.30	2.10	1.50	.600
8C10	SSE	2.30	.300	4.00	-3.70
9S2	S	.400	9.50	2.90	6.60
9G1	S	13.0	3.80	2.50	1.30
10B1	SSW	1.10	29.3	4.40	23.9
11S1	SW	1.000-01	174.	24.4	150.
11S10	SW	1.000-01	152.	26.6	125.
12B1	WSW	1.60	4.80	1.90	2.90
14S1	WNW	.400	116.	15.8	100.
15G1	NW	15.0	2.50	2.20	.300
15G10	NW	15.0	3.40	8.00	-4.60
16S1	NNW	.200	891.	118.	773.
16S10	NNW	.200	918.	124.	794.
16A1	NNW	.400	784.	103.	681.

Input Data for Lower Bound Run

POOR ORIGINAL

PUN 17C, MET ED + PENN, 1-79 THRU 4-79, FSARINOD) POP, 8-4-79

POOR ORIGINAL

DOSES (REM) AT STANDARD DISTANCES FOR PERIOD: APC1703-9715

DIP	DISTANCES (M)										
	1.379	1.00	2.00	3.00	4.00	5.00	10.0	20.0	30.0	40.0	50.0
N	77.9	29.1	8.86	4.89	3.19	2.27	.804	.284	.155	.101	7.194-02
NNE	128.	29.9	10.6	5.75	3.73	2.67	.945	.334	.182	.118	8.448-02
NE	107.	29.6	12.8	8.01	5.77	4.49	2.10	.741	.404	.262	.188
NNE	85.1	29.3	15.1	10.3	7.80	6.30	3.25	1.15	.625	.406	.291
E	17.2	3.79	1.34	.730	.474	.339	.120	4.243-02	2.309-02	1.500-02	1.073-02
ESE	144.	80.2	28.4	15.4	10.0	7.17	2.61	1.03	.560	.363	.260
SE	67.2	15.7	55.4	30.1	19.6	14.0	5.10	2.01	1.10	.712	.509
SSE	162.	37.8	13.4	7.28	4.73	3.39	1.20	.423	.230	.150	.107
S	32.6	18.1	12.4	9.88	8.43	7.45	5.08	2.31	1.26	.815	.583
SSW	198.	46.1	16.3	8.88	5.77	4.13	1.46	.516	.281	.182	.131
SW	19.1	9.11	3.22	1.75	1.14	.815	.288	.102	5.543-02	3.600-02	2.576-02
WSW	87.1	20.3	7.18	3.91	2.54	1.82	.642	.227	.124	8.027-02	5.743-02
W	128.	29.9	10.6	5.75	3.74	2.67	.945	.334	.182	.118	8.453-02
WNW	169.	39.5	14.0	7.60	4.93	3.53	1.25	.441	.240	.156	.112
NW	1.009+03	235.	83.2	45.3	29.4	21.0	7.44	2.63	1.43	.930	.665
NNW	827.	206.	73.0	39.7	25.8	18.5	6.53	2.31	1.26	.816	.584

POOR ORIGINAL

PRINTED ON QUARTZ

TLD DATA FOR PERIOD: APC1/3-4/15

STATION	DTR	DIS	GROSS	STG	DIFF
152	N	400	80.5	0.000	85.5
1520	E	400	95.0	0.000	95.0
1C1	N	2.60	9.50	0.000	9.50
T0012	N	2.60	5.70	0.000	5.70
T0012	N	2.60	3.00	0.000	3.00
262	RAE	700	51.0	0.000	51.0
4520	FHE	300	114.	0.000	114.
452	EHE	300	125.	0.000	125.
4A1	FHE	500	56.8	0.000	56.8
4610	FHE	10.0	4.90	0.000	4.90
461	FHE	10.0	1.60	0.000	1.60
5520	E	200	89.3	0.000	89.3
552	E	200	80.5	0.000	80.5
5A10	E	400	15.9	0.000	15.9
T0013	E	400	11.0	0.000	11.0
5A1	E	400	17.4	0.000	17.4
T0013	F	400	15.7	0.000	15.7
7F10	SE	9.00	7.20	0.000	7.20
7F1	SE	9.00	4.40	0.000	4.40
761	SE	15.60	3.10	0.000	3.10
PC1	SE	2.30	10.9	0.000	10.9
RC10	SE	2.30	12.0	0.000	12.0
T0014	SE	2.30	8.80	0.000	8.80
T0014	SE	2.30	11.7	0.000	11.7
952	S	400	30.0	0.000	30.0
961	S	13.0	4.40	0.000	4.40
10P1	SSW	1.10	40.0	0.000	40.0
11S1	SW	1.000-01	295.	0.000	295.
11S10	SW	1.000-01	281.	0.000	281.
1201	WSW	1.60	11.0	0.000	11.8
T0011	WSW	1.60	10.0	0.000	10.0
T0011	WSW	1.60	8.30	0.000	8.30
14S1	WNW	400	156.	0.000	156.
15G10	WN	15.0	5.30	0.000	5.30
15G1	WN	15.0	2.80	0.000	2.80
16S1	WNW	200	95.2	0.000	95.2
16S10	WNW	200	98.6	0.000	98.6
16A1	WNW	400	81.6	0.000	81.6

Input Data for Post Probable Done

POOR ORIGINAL

CUMULATIVE DOSES (MREM) AT STANDARD DISTANCES THROUGH PERIOD: APC1703-9715

DIR	DISTANCES (M)										
	.379	1.00	2.00	3.00	4.00	5.00	10.0	20.0	30.0	40.0	50.0
N	97.9	29.1	8.86	4.89	3.18	2.27	.804	.284	.155	.101	7.194-02
NNE	123.	29.9	10.6	5.75	3.73	2.67	.945	.334	.182	.118	8.448-02
NE	107.	29.6	12.8	8.01	5.77	4.49	2.10	.741	.404	.262	.188
ENE	85.1	29.3	15.1	10.3	7.80	6.30	3.25	1.15	.625	.406	.291
E	17.2	3.79	1.34	.730	.470	.339	.120	4.243-02	2.309-02	1.500-02	1.073-02
ESE	344.	80.2	28.4	15.4	10.0	7.17	2.61	1.03	.560	.363	.260
SE	672.	157.	55.4	30.1	19.6	14.0	5.10	2.01	1.10	.712	.509
SSE	162.	37.8	13.4	7.28	4.73	3.39	1.20	.423	.230	.150	.107
S	32.6	16.1	12.4	9.88	8.43	7.45	5.08	2.31	1.26	.815	.583
SSW	198.	46.1	16.3	8.88	5.77	4.13	1.46	.516	.281	.182	.131
SW	39.1	.11	3.22	1.75	1.14	.815	.288	.102	5.543-02	3.600-02	2.576-02
WSW	87.1	20.3	7.18	3.91	2.54	1.82	.642	.227	.124	8.027-02	5.743-02
W	128.	29.9	10.6	5.75	3.74	2.67	.945	.334	.182	.118	8.453-02
WNW	169.	39.5	14.0	7.60	4.93	3.53	1.25	.441	.240	.156	.112
WW	1.009+03	235.	83.2	45.3	29.4	21.0	7.44	2.63	1.43	.930	.665
NNW	627.	206.	73.0	39.7	25.8	18.5	6.53	2.31	1.26	.816	.584

POOR ORIGINAL

AVERAGE DOSE(S) INREM IN EACH SECTOR SEGMENT FOR PERIOD: APCI703-4715

DIR	SEGMENT NUMBER									
	1	2	3	4	5	6	7	8	9	10
N	42.2	13.6	6.42	3.89	2.67	1.26	.444	.205	.123	8.438-02
NNE	53.6	16.6	7.69	4.57	3.13	1.48	.522	.240	.145	9.910-02
NE	49.1	18.2	9.01	6.72	5.05	2.88	1.16	.533	.321	.220
ENE	44.3	19.9	12.2	8.86	6.97	4.27	1.79	.826	.498	.341
E	6.99	2.10	.965	.581	.398	.187	6.627-02	3.051-02	1.837-02	1.259-02
ESE	144.	44.3	20.4	12.3	8.41	4.02	1.53	.739	.445	.305
SE	281.	86.5	39.8	24.0	16.4	7.85	2.99	1.45	.872	.598
SSE	68.0	20.9	9.62	5.79	3.97	1.87	.661	.304	.183	.126
S	22.5	14.4	10.9	9.06	7.89	5.93	3.21	1.66	.999	.684
SSW	42.9	25.5	11.7	7.07	4.84	2.28	.806	.371	.223	.153
SW	16.4	5.03	2.32	1.39	.956	.450	.159	7.323-02	4.410-02	3.022-02
WSW	36.5	11.2	5.16	3.11	2.13	1.00	.355	.163	9.832-02	6.737-02
W	53.7	16.5	7.60	4.58	3.14	1.48	.522	.240	.145	9.916-02
WNW	70.9	21.8	10.0	6.04	4.14	1.95	.689	.317	.191	.131
NW	423.	130.	59.8	35.0	24.7	11.6	4.11	1.89	1.14	.781
NNW	159.	114.	52.5	31.6	21.7	10.2	3.61	1.66	1.000	.685

POOR ORIGINAL

CUMULATIVE AVERAGE DOSES (RPM) IN EACH SECTOR SEGMENT THROUGH PERIOD: AFCI/03-4/15

DIP	SEGMENT NUMBER									
	1	2	3	4	5	6	7	8	9	10
N	42.2	13.6	6.42	3.89	2.47	1.26	.444	.205	.123	8.438-02
NNF	53.6	16.5	7.59	4.57	3.13	1.48	.522	.240	.145	9.910-02
NF	49.1	18.2	9.91	6.72	5.05	2.88	1.16	.533	.321	.770
FNF	44.3	19.9	12.2	8.85	6.97	4.27	1.79	.826	.498	.341
F	6.99	2.10	.965	.581	.398	.187	6.627-02	3.051-02	1.837-02	1.259-02
FSF	144.	44.3	20.4	12.3	8.41	4.02	1.53	.739	.495	.305
SE	781.	86.5	39.8	24.0	14.4	7.85	2.99	1.45	.872	.598
SSF	68.0	20.9	9.62	5.79	3.97	1.87	.661	.304	.183	.126
S	22.5	14.4	10.9	9.06	7.89	5.93	3.21	1.66	.999	.684
SSN	82.9	25.5	11.7	7.07	4.84	2.28	.806	.371	.223	.153
SW	16.4	5.03	2.32	1.39	.956	.450	.159	7.323-02	4.410-02	3.022-02
WSV	36.5	11.2	5.16	3.11	2.13	1.00	.355	.163	9.832-02	6.737-02
W	53.7	16.5	7.60	4.58	3.14	1.48	.522	.240	.145	9.916-02
WNW	70.9	21.8	10.0	6.04	4.14	1.95	.689	.317	.191	.131
NW	423.	130.	59.8	36.0	24.7	11.6	4.11	1.89	1.14	.781
NNW	354.	114.	52.5	31.6	21.7	10.2	3.61	1.66	1.000	.685

POOR ORIGINAL

COLLECTIVE DOSES (PERSON-RM) FOR PERIOD: APCI/03-4/15

DIP	SEGMENT NUMBER										SUM
	1	2	3	4	5	6	7	8	9	10	
N	.802	2.88	25.5	14.7	1.11	14.9	5.62	1.84	1.10	4.02	72.9
NNE	1.95	1.24	1.28	2.20	1.17	16.6	9.51	1.64	2.09	4.47	43.1
NE	2.06	2.44	2.69	2.88	.940	6.47	46.0	20.8	3.07	13.7	101.
ENE	2.57	1.39	2.27	4.08	1.83	6.70	18.3	12.2	22.6	50.6	132.
E	.294	.126	3.763-02	7.960-02	.270	1.96	1.25	1.89	.780	.488	7.12
ESE	.865	1.59	3.34	2.63	1.99	11.3	52.4	92.4	12.4	13.0	192.
SE	1.69	9.13	2.67	4.87	6.49	16.5	60.2	14.5	9.24	16.1	140.
SSE	5.98	4.12	1.13	.452	.171	7.18	29.2	3.28	2.77	8.38	62.7
S	9.247-02	1.481-02	1.48	7.41	10.4	72.3	356.	24.3	13.5	51.9	538.
SSW	8.287-02	2.50	6.85	1.53	3.64	15.7	25.7	16.3	4.16	5.78	82.3
SW	1.636-02	.523	.419	.784	.209	1.93	1.88	1.46	1.13	.573	8.92
WSW	3.647-02	3.06	.604	2.47	.505	2.97	2.09	1.31	.880	1.55	15.5
W	5.367-02	6.09	.274	1.51	1.79	10.6	11.4	8.42	1.50	2.04	43.6
WNW	7.087-02	2.31	2.54	1.19	.973	23.0	48.6	4.50	1.02	.482	84.7
NW	.423	.130	3.83	1.44	29.1	343.	409.	17.6	11.4	9.86	826.
NNW	.359	.114	65.1	29.8	41.6	170.	95.5	17.5	7.25	8.81	436.
SUM	18.3	36.4	120.	78.0	102.	720.	1.173+03	240.	94.8	202.	2.784+03

POOR ORIGINAL

CUMULATIVE COLLECTIVE DOSE (PERSON-REM) THROUGH PERIOD: APCI/03-4/15

SUM

SEGMENT NUMBER

	1	2	3	4	5	6	7	8	9	10	SUM
N	.802	2.88	25.5	14.7	1.11	14.9	5.62	1.84	1.10	4.02	72.4
NMF	2.95	1.24	1.24	2.20	1.17	16.6	9.51	1.64	2.09	4.47	43.1
NE	2.06	2.94	2.69	2.84	.940	6.47	46.0	20.8	3.07	13.7	101.
NEF	2.57	1.09	2.27	4.04	1.83	6.70	18.3	12.2	22.6	60.6	132.
F	.294	.126	3.743-02	7.940-02	.220	1.96	1.25	1.89	.780	.488	7.12
FSF	.845	1.59	3.59	2.63	1.99	11.3	52.4	92.4	12.4	13.0	192.
SF	1.69	8.13	2.67	4.87	6.49	16.5	60.2	14.5	9.24	16.1	140.
SSF	5.98	4.12	1.13	.452	.171	7.18	29.2	3.28	2.77	8.38	62.7
S	2.247-02	1.441-02	1.48	7.41	16.4	72.3	356.	24.3	13.5	51.9	538.
SSW	6.287-02	2.53	6.86	1.53	3.64	15.7	25.7	16.3	4.16	5.78	82.3
SW	1.636-02	.523	.419	.784	.209	1.93	1.88	1.46	1.13	.573	8.92
WSU	3.647-02	3.06	.604	2.47	.505	2.97	2.09	1.31	.880	1.55	15.5
W	5.367-02	6.09	.274	1.51	1.79	10.6	11.4	8.42	1.50	2.04	43.6
WNU	7.087-02	2.31	2.54	1.19	.973	23.0	48.6	4.50	1.02	.482	84.7
NW	.423	.136	3.83	1.48	29.1	343.	409.	17.6	11.4	9.86	826.
NNU	.359	.114	65.1	29.8	41.7	170.	95.5	17.5	7.25	8.81	436.
SUM	18.3	36.4	120.	78.0	102.	720.	1.173*03	240.	94.8	202.	2.784*03

POOR ORIGINAL

RUN 17C. NET ED + PENN. 1-79 THRU 4-79. FSAR(MOD) POP. 6-4-79

TOTAL POPULATION:	2163119	PERSONS
CUMULATIVE COLLECTIVE DOSE:	2784.	PERSON-REM
AVERAGE INDIVIDUAL DOSE:	1.287	MRM

POOR ORIGINAL

WRUP,J/R EISFN3,36853-EISFN1,THI,3,100

WASC,A T,II.

WCPY,P THII,TPF8.

FURPUR 27R3A E33 SL73F 10/25/79 14:53:11
16 SYN 16 REL

WFB,S RDTL,RD10

FOR 5 4R1 E -10/25/79-14:53:21 (0.)

SUBROUTINE RDTL ENTRY POINT 000227

STORAGE USED: CODE(1) 000242; DATA(0) 000062; BLANK COMMON(2) 000000

COMMON BLOCKS:

0003 ACOM 000032
0004 PCOM 000765
0005 CCOM 000273
0006 DCOM 001760
0007 FCOM 002115
0010 FCOM 000007
0011 GCOM 000031

EXTERNAL REFERENCES (BLOCK, NAME)

0012 ICOMP
0013 MPDIR
0014 NIO18
0015 NIO28
0016 NMD08
0017 NST008
0020 NERR38

STORAGE ASSIGNMENT (BLOCK, TYPE, RELATIVE LOCATION, NAME)

0001 000006 10L 0000 000003 1010LF 0001 000067 110L 0001 000005 130G 0001 000163 130L
0001 000026 1426 0001 000207 150I 0001 000053 1526 0001 000063 160G 0001 000204 160L
0001 000106 1736 0000 000012 20100F 0000 000015 20110F 0000 000022 20120F 0001 000134 203G
0005 R 000000 A015 0006 R 000260 A005 0011 R 000000 B 0007 R 000454 BK6 0006 001500 C0005
0006 R 000760 C0005 0006 R 000520 C005 0006 001220 C5005 0005 R 000013 D1R 0007 R 001440 D15
0007 R 001750 D05 0010 L 000006 F0F 0000 000000 I 0012 I 000000 ICOMP 0000 000043 INJPS
0003 I 000000 I0PT 0000 I 000002 J 0007 I 001604 MDX 0006 001740 NSEC 0004 I 000764 NSTA
0007 I 002114 NTL0 0007 R 000620 PFR 0010 R 000000 PER1 0010 R 000003 PER2 0005 I 000033 POP
0003 I 000002 P0PT 0004 R 000620 SC7 0004 R 000454 SD15 0006 R 000000 S005
0007 I 001274 SFC 0004 I 000310 S5FC 0007 B 000000 STA 0003 000010 TITL 0007 R 000030 TLD
0000 R 000001 TYP

0010 1* 500000 RDTL 00017600 000006
0010 2* C 00017700 000006

POOR ORIGINAL

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3* 00161 C*** REVISED C.B.HELSON 4/26/79 00017800 000006
4* 00162 C*** REVISED C.B.HELSON 4/26/79 00017900 000006
5* 00163 COMMON /ACOR / TOTPT(7),POPT(6),TTITLE(1) 00018000 000006
6* 00164 LOGICAL IOPT, POPT 00018100 000006
7* 00165 COMMON /FCOM/ SCORF(100),SSFC(100),SDIS(100),SCF(100),NSTA 00018200 000006
8* 00166 REAL *R SCORF 00018300 000006
9* 00167 INTEGER NSTA,SSFC 00018400 000006
10* 00168 REAL *R SDIS,SCF 00018500 000006
11* 00169 COMMON /CCOM/ ADIS(11),DIR(16),POP(10),I(6) 00018600 000006
12* 00170 REAL *R ADIS,DIR 00018700 000006
13* 00171 INTEGER POP 00018800 000006
14* 00172 COMMON /DCOM/ SDOS(11,16),ADOS(10,16),CDO5(10,16),CCDOS(10,16), 00018900 000006
15* 00173 CDO5(11,16),CADOS(10,16),NSEC(16) 00019000 000006
16* 00174 REAL *R SDOS,ADOS,CDO5,CDO5 00019100 000006
17* 00175 COMMON /FCOM/ STAT(100),TL0(100),BKG(100),PER(3,100),SEC(100), 00019200 000006
18* 00176 I DIS(100),NDX(100),DQ5(100),NILD 00019300 000006
19* 00177 REAL *R STA 00019400 000006
20* 00178 REAL *R TL0,BKG,PER,DIS,DQ5 00019500 000006
21* 00179 INTEGER SEC,NDX 00019600 000006
22* 00180 COMMON /ECOM/ PER(3),PER2(3),EDE 00019700 000006
23* 00181 REAL *R PER,PER2 00019800 000006
24* 00182 LOGICAL EDE 00019900 000006
25* 00183 COMMON /GCOM/ R 00020000 000006
26* 00184 REAL *R R 00020100 000006
27* 00185 00020200 000006
28* 00186 00020300 000006
29* 00187 00020400 000006
30* 00188 00020500 000006
31* 00189 00020600 000006
32* 00190 00020700 000006
33* 00191 00020800 000006
34* 00192 I (PER(J,1),J=1,3) 00020900 000006
35* 00193 I (PER(J,1),J=1,3) 00021000 000031
36* 00194 FOR=AT(1,1),I,AB,2F10,0,T33,3A4) 00021100 000031
37* 00195 WRITE(6,20100) TYP,(PER(J,1),J=1,3) 00021200 000042
38* 00196 FOR=AT(1,1),I,T33,3A4) 00021300 000063
39* 00197 DO 105 J=1,3 00021400 000063
40* 00198 PER2(J)=PER(J,1) 00021500 000063
41* 00199 GO TO 160 00021600 000065
42* 00200 I (WRITE(6,20110) TYP,STAI(1),ILD(1),BKG(1),(PER(J,1),J=1,3) 00021700 000067
43* 00201 FOR=AT(1,1),I,AB,2F10,2,2Y,3A4) 00021800 000111
44* 00202 I (ICOMPALPER(1),PER(1,2),ME,U.) STOP 201 00021900 000111
45* 00203 DO 120 J=1,NSTA 00022000 000126
46* 00204 000134
47* 00205 C QUICK FIX, COMPARE ONLY FIRST 6 CHARACTERS OF SCODE (CE, 7-1-79 000134
48* 00206 000134
49* 00207 IF (ICOMPALSTAI(1),SCODE(J),A),FO,U.) GO TO 130 000134
50* 00208 WRITE(6,20120) 00022200 000154
51* 00209 00022300 000154
52* 00210 FOR=AT(1,1),I,AB,2F10,2,2Y,3A4) INVAL TO STATION CODE **,RECORD DELETED') 00022400 000161
53* 00211 GO TO 101 00022500 000161
54* 00212 SEC(J)=SSFC(J) 00022600 000163
55* 00213 DIS(J)=SDIS(J) 00022700 000165
56* 00214 I (DATA ALREADY CORRECTED FOR BACKGROUND NEW000165
57* 00215 DQ5(J)=TL0(J)*SCF(J) NEW000167
58* 00216 STOP 203 00022900 -1000177
59* 00217 00023000 000177
60* 00218 00023100 000202

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POOR ORIGINAL

00224 61* 161 H1001-1 00023200 000204
00225 62* RETURN 00023300 000206
00226 63* END 00023400 000241

END OF COMPILATION: NO DIAGNOSTICS.

FOR S WARD
FOR S 4R1 E -10/25/79-14:5333 10.1

BLOCK DATA

STORAGE USED: (CONF(1) 000000; DATA(0) 000000; BLANK COMMON(2) 000000

COMMON BLOCKS:

0003 ACOM 000032
0004 BCOM 000765
0005 CCOM 000273
0006 DCOM 001760
0007 FCOM 002115
0010 FCOM 000007
0011 GCOM 000001

STORAGE ASSIGNMENT (BLOCK, TYPE, RELATIVE LOCATION, NAME)

0005 R 000000 ADIS 0006 R 000260 ADOS 0011 R 000000 B 0007 R 000454 BKG 0006 R 001500 CADOS
0006 R 000760 CCOMS 0006 R 000520 CHOS 0006 R 001220 CSDOS 0005 R 000013 DIR 0007 R 001440 DTS
0007 R 001750 DOS 0010 L 000006 EOF 0003 L 000000 IOPT 0007 I 001604 NDX 0006 001740 NSEC
0004 I 000764 NSTA 0007 I 002114 NYLD 0007 R 000620 PER 0010 R 000000 PER1 0010 R 000003 PER2
0005 I 000033 POP 0003 L 000002 POPT 0004 R 000620 SCF 0004 D 000000 SCODE 0004 R 000454 SDIS
0006 R 000000 SPOS 0007 I 001274 SFC 0004 I 000310 SSEC 0007 D 000000 STA 0003 R 000010 TTILE
0007 R 000310 TLD

BLOCK DATA

00101 10 00081000 000000
00101 20 C 00081900 000000
00101 30 C ***** REVISED 4727 PER NELSONS 4726 REVISIONS 00082000 000000
00102 40 COMMON /ACOM/ IOPT(2),POPT(6),TITLE(18) 00082100 000000
00103 50 LOGICAL IOPT//FALSE//FALSE//, 00082200 000000
00103 60 POPT//TRUE//TRUE//TRUE//, 00082300 000000
00103 70 *TRUE//TRUE//TRUE//, 00082400 000000
00106 80 REAL*4 TITLE/18**/, 00082500 000000
00110 90 COMMON /ACOM/ SFC(100),SDIS(100),SCF(100),NSTA 00082600 000000
00111 100 REAL*8 SCODE/152**252**452**552**952**1151*, 00082700 000000
00111 110 *1451**1651**4A1**5A1**10B1*, 00082800 000000
00111 120 *12B1**1C1**8C1**7F1**4G1**7G1*, 00082900 000000
00111 130 *SG1**15G1**16A1**F-1**NE-1**NE-2*, 00083000 000000
00111 140 *H-1**NF-3**NF-4**N-2**N-3**N-4*, 00083100 000000
00111 150 *N-5**NW-5**NW-4**NW-3**NW-2**NW-1*, 00083200 000000
00111 160 *W-1**W-2**SW-1**W-3**W-4**SW-2*, 00083300 000000
00111 170 *S-1**S-2**S-3**SW-3**SW-4**S-4*, 00083400 000000
00111 180 *SE-5**SE-4**SE-3**SE-2**SE-1**F-2*, 00083500 000000
00111 190 *F-3**F-4**F-1A**S-1A**SE-4A**W-3A**NE-3A*, 00083600 000000
00111 200 *N-1A**N-1B**N-1C**N-1D**N-1E**N-1F**E-5*, 00083700 000000

POOR ORIGINAL

0011	21*	*15610*,*7F10*,*5A10*,*1S2Q*,*1S1Q*,*16S1Q*,*11S1Q*,	00083800	000000
0011	22*	*R1Q*,*4S2Q*,*5S2Q*,*4G1W*,*T04T1*,*T0Q12*,	NEW000000	NEW000000
0011	23*	*T00T3*,*T00T4*,*H01*,*H02*,*H03*,*H04*,*H05*,	NEW000000	NEW000000
0011	24*	*H06*,*H07*,*H08*,*H09*,*H10*,*H11*,*H12*,	NEW000000	NEW000000
0011	25*	INTEGER 55FC/1,2,4,5,9,11,14,16,4,5,10,12,	00084000	-1000000
0011	26*	1,9,7,4,7,9,15,16,	00084100	000000
0011	27*	4,2,2,1,2,3,1,1,1,1,1,5,15,15,14,15,14,13,	00084200	000000
0011	28*	12,10,13,13,13,10,9,9,9,11,11,9,7,7,8,8,0,0,8,4,3,0,	00084300	000000
0011	29*	8,6,5,5,9,12,3,1,1,6,1,1,1,5,	NEW000000	NEW000000
0011	30*	15,7,5,1,1,6,11,8,4,5,4,12,1,5,8,1,2,4,5,7,9,10,	NEW000000	NEW000000
0011	31*	11,17,13,15,17*0/	NEW000000	NEW000000
0011	32*	INTEGER N5TA/93/	NEW000000	NEW000000
0011	33*	REAL*4 SD15/0,4,0,7,0,3,0,2,0,4,0,1,0,4,0,2,0,5,	00084700	-3000000
0011	34*	0,4,1,1,1,6,2,6,2,3,9,0,10,0,15,0,	00084800	000000
0011	35*	13,0,15,0,0,4,0,5,0,8,1,8,2,6,3,1,	00084900	000000
0011	36*	6,7,5,1,7,4,9,3,12,6,13,8,9,6,7,4,	00085000	000000
0011	37*	5,9,2,6,1,3,1,3,2,2,2,9,7,4,5,9,2,6,3,2,	00085100	000000
0011	38*	5,3,9,0,8,3,10,4,12,0,7,0,4,6,2,3,1,9,	00085200	000000
0011	39*	1,0,2,7,3,9,7,0,0,4,3,35,5,0,4,4,3,6,	00085300	000000
0011	40*	2,4,2,75,3,0,3,5,3,5,4,0,0,4,	00085400	000000
0011	41*	15,0,9,0,0,4,0,4,0,2,0,1,2,3,0,3,0,2,	00085500	000000
0011	42*	10,0,1,60,2,60,0,40,2,30,0,4,0,5,0,3,	NEW000000	NEW000000
0011	43*	0,2,0,3,0,3,0,3,0,1,0,1,0,1,0,2,7*0,0/	NEW000000	NEW000000
0011	44*	REAL*4 5CF/1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00085800	-2000000
0011	45*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00085900	000000
0011	46*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00086000	000000
0011	47*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00086100	000000
0011	48*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00086200	000000
0011	49*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00086300	000000
0011	50*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00086400	000000
0011	51*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,	00086500	000000
0011	52*	1,0,1,0,1,0,1,0,	00004900	000000
0011	53*	1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,1,0,22*1,0/	00086700	000000
0011	54*	(COMMON /CCOM/ ADIS(11),DIB(16),POP(10,16)	00005100	000000
0011	55*	REAL*4 ADTS/.3788,1,2,3,4,5,5,	00086900	000000
0011	56*	10,20,30,40,50,/,	00087000	000000
0011	57*	D14/N, NRE, NFE, NNE, E, SE, SE, SE, S,	00087100	000000
0011	58*	SSW, SW, WSW, W, WNW, W, NNW, /	00087200	000000
0011	59*	INTEGER POP/19,212,3970,3772,415,11840,12663,9095,	00087300	000000
0011	60*	894,47588,	00087400	000000
0011	61*	55,75,109,480,373,11223,18240,6826,14478,95115,	00087500	000000
0011	62*	42,134,271,428,186,2246,39726,38979,9546,62345,	00087600	000000
0011	63*	58,55,186,461,262,1567,10205,14757,45445,17672,	00087700	000000
0011	64*	42,6,39,137,552,10431,18853,62028,42445,38754,	00087800	000000
0011	65*	6,36,149,219,236,2809,34339,124888,27822,92737,	00087900	000000
0011	66*	6,94,67,203,395,2095,20152,10000,10600,26958,	00088000	000000
0011	67*	98,197,117,29,43,3840,44204,10774,15097,66763,	NEW000000	NEW000000
0011	68*	1,1,136,817,1317,12193,113002,14648,13477,75781,	00088100	NEW000000
0011	69*	1,98,584,217,752,6883,31917,44031,18596,37729,	00088200	NEW000000
0011	70*	1,104,161,562,219,4297,11801,19931,25536,18979,	00088300	NEW000000
0011	71*	1,273,117,796,237,2961,5882,7996,8948,23010,	00088400	NEW000000
0011	72*	1,369,36,331,571,7155,21769,35025,10370,26602,	00088500	NEW000000
0011	73*	1,1,6,253,197,735,11823,7,960,14188,5333,3681,	00088600	NEW000000
0011	74*	1,1,64,4,1,177,22484,99593,9368,9970,12630,	00088700	NEW000000
0011	75*	1,1,1240,942,1921,16632,26482,10517,7256,128667	00088800	NEW000000
0011	76*	COMMON /DCOM/ SDOS(11,16),ADDS(10,16),CDDS(10,16),	00088900	-8000000
0011	77*	CSDOS(11,16),CADDS(10,16),ACSDOS(10,16)	00089000	000000
0011	78*	REAL*4 SDOS/176,0,0/,ADDS/160,0,0/,CDDS/160,0,0,/,	00089100	000000

```

00132 79*      CDD05/176*0.0/ ,CADD05/140*0.0/
00141 80*      COM-00 /FCOM/ STA(100),TLD(100),BK6(100),PER(3,100),SEC(100),
00141 81*      DIS(100),NOY(100),DOST(100),ATLD
00142 82*      REAI*8 STA/100** */
00144 83*      REAI*4 TLD /100*0.0/ ,BK6 /100*0.0/ ,PER 7300** */ ,D15 /100*0.07 ,
00144 84*      D05 /100*0.0/
00152 85*      INTGFR SEC /100*0/ ,NOX /100*0/ ,NTLD0/
00156 86*      COMMON /FCOM/ PER(3),PER2(3),EOF
00157 87*      REAI*4 PER1 /3** */ ,PER2 /3** */
00162 88*      LOGICAL FOF /,FALSE*/
00164 89*      COMMON /COMMON /R
00165 90*      REAI*4 B/1.5/
00167 91*      END

```

END OF COMPILATION: NO DIAGNOSTICS.

```

MFOP,W MAIN,MAIN
FOR S 481 E -10/25/79-14:53:39 (0,1)
-56.56
T IX, *(TYP,STA,TLD,SEC,PER)**

```

STORAGE USED: CODE(1) 000763; DATA(1) 000250; BLANK COMMON(2) 000000

END OF COMPILATION: NO DIAGNOSTICS.

```

MFOP,W M00S,M00S
FOR S 481 E -10/25/79-14:53:49 (0,1)
-46
IF (A*EQ.2) AD=A(06(821))/(871**2-1.)*D1
IF (A*EQ.2) GO TO 200

```

STORAGE USED: CODE(1) 90-176; DATA(1) 000034; BLANK COMMON(2) 000000

END OF COMPILATION: NO DIAGNOSTICS.

```

MFOP,W TPRINT,TPRINT
FOR S 481 E -10/25/79-14:53:56 (0,1)
-32.32
X*GROSS*,YX*,SIG*,BX*,DOSE*

```

STORAGE USED: CODE(1) 90-103; DATA(1) 000053; BLANK COMMON(2) 000000

END OF COMPILATION: NO DIAGNOSTICS.

```

9801
MAP 2981 S173R1 10/25/79 14:53:59

```

ADDRESS LIMITS 001000 020756 R176 FRANK WORDS DECIMAL
 040000 053433 5916 DRANK WORDS DECIMAL
 STARTING ADDRESS 016043

SEGMENT CHAINS 001000 020756 040000 053433

NSWTC\$/FOR4R1-E	%11	001000	001030			27 JUL 78	17:07:41
NRRLK\$/FOR-E2	%11	001031	001053			29 APR 74	13:48:27
NEINP\$/FOR4R1-E	%11	001054	001522	%12	040000 040064	27 JUL 78	17:02:44
NINTP\$/HAS	%11	001523	002002	%12	040065 040220	03 MAY 79	13:03:09
NEOUT\$/E(4R1-E	%11	002003	002435	%12	040221 040243	27 JUL 78	17:03:07
EXP\$/FOR59	%11	002436	002525	%12	040244 040264	12 MAY 71	15:49:18
NWET\$/FOR4R1-E	%11	002526	002733	%12	040265 040304	03 JAN 79	14:33:58
NRWPD\$/FOR-E3	%11	002734	003017	%12	040305 040316	23 JUN 75	10:07:02
NCLOS\$/FOR4R1-E	%11	003020	003263	%12	040317 040344	27 JUL 78	17:00:43
NLIND\$/FOR-E3	%11	003264	005042	%12	040345 040534	16 APR 75	13:27:40
NEICH\$/FOR4R1-E	%11	005043	005330	%12	040535 040550	27 JUL 78	17:03:29
NINPT\$/FOR4R1-E	%11	005331	006755	%12	040551 040604	27 JUL 78	17:04:45
NININ\$/FOR4R1-E	%11	006756	007223	%12	040605 040606	27 JUL 78	17:03:59
NIBUF\$/FOR-E2	%11	007224	007263	%12	040606 040606	29 APR 74	13:47:56
EXIT\$/FOR4R1-E	%11	007264	007264			28 JUL 78	14:36:06
NOTIN\$/FOR4R1-E	%11	007265	007554	%12	040607 040612	31 AUG 78	16:01:59
NBSHL\$/FOR-E3	%11	007557	007613			16 APR 75	13:13:54
NRFGD\$				%12	040613 043040	23 JUN 75	09:58:12
MURPA\$/FOR68	%11	007614	007647			10 JUL 72	21:41:26
NWBLE\$/FOR68	%11	007650	007761			10 JUL 72	21:41:28
NFCIK\$/FOR4R1-E	%11	007762	011050	%12	043041 043213	10 AUG 78	13:00:55
	%13	011051	011051	%14	043214 043265		
FORCOM\$/FOR4R1-E	%11	011052	011273	%12	043266 043273	31 AUG 78	14:44:53
NCHVT\$/FOR4R1-E	%11	011274	011316	%12	043274 043370	27 JUL 78	17:00:55
NFTV\$/FOR-E2	%11	011317	012201	%12	043371 043445	29 APR 74	13:47:54
NFMTR\$/FOR-E3	%11	012202	012334	%12	043446 043524	16 APR 75	13:20:52
NBDCV\$/FOR4R1-E	%11	012335	014065	%12	043525 043567	27 JUL 78	17:00:26
NOUT\$/FOR4R1-E	%11	014066	014307	%12	043567 043736	27 JUL 78	17:06:34
NIDER\$/FOR4R1-E	%11	014310	014350			27 JUL 78	17:05:06
NORHE\$/FOR68	%11	014351	014430	%12	043737 043752	10 JUL 72	21:41:08
NERCOM\$/FOR-TE3	%11	014431	014547	%12	043753 044013	11 MAR 75	15:33:59
ERH\$/SYS74R1						20 DEC 78	17:30:56
ALOG\$/FOR-E3	%11	014548	015115	%12	044014 044174	17 APR 75	09:42:35
NFRBY\$/FOR4R1-E	%11	015116	015161	%12	044175 044204	27 JUL 78	17:01:50
FORVCOM\$/FOR4R1				%12	044205 044214	28 JUL 78	14:36:41
NSTOP\$/FOR4R1	%11	015162	015357	%12	044215 044266	28 JUL 78	14:38:58
NEXP\$/FOR-E3	%11	015360	015541	%12	044267 044407	17 APR 75	09:51:41
NTEH\$/FOR4R1-E	%11			%12	044410 044410	27 JUL 78	17:03:43
GCOM(COMMON)LOCK)					044411 044417		
FCOM(COMMON)LOCK)					044420 046534		
EOM(COMMON)LOCK)					046535 050514		
DCOM(COMMON)LOCK)					050515 051007		
CCOM(COMMON)LOCK)					051010 051774		
ACOM(COMMON)LOCK)					051775 052026		
REAPK(COMMON)COMMON)LOCK)							
TPRINT	%11	015542	015644	%10	052027 052101	25 OCT 79	14:53:56
	%13	ACOM		%12	REAPK(COMMON		
	%15	CCOM		%14	BCOM		

POOR ORIGINAL

	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1011)	FCOM		
MDS	\$11)	015445 016592	\$10)	052102 052135	25 OCT 79	14:53:51
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
MAIF	\$1011)	GCOM	\$1010)	FCOM		
	\$11)	016043 016425	\$10)	052136 052405	25 OCT 79	14:53:48
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
RD	\$1011)	GCOM	\$1010)	FCOM		
	\$13)	ACOM	\$12)	BLANK*COMMON	25 OCT 79	14:53:37
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
RDIE	\$1011)	GCOM	\$1010)	FCOM		
	\$11)	016426 016667	\$10)	052406 052467	25 OCT 79	14:53:25
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
NTAR	\$11)	016670 016775	\$12)	052470 052555	06 JUL 79	14:00:38
ICOMPA	\$10)		\$10)	052556 052575	06 JUL 79	14:00:31
	\$12)		\$12)	BLANK*COMMON		
SPRINT	\$11)	016776 017134	\$10)	052576 052663	06 JUL 79	14:00:21
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
DPRINT	\$11)	017135 017313	\$10)	052664 053002	06 JUL 79	14:00:13
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
CPRINT	\$11)	017314 017472	\$10)	053003 053116	06 JUL 79	14:00:09
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
HPRINT	\$11)	017473 017607	\$10)	053117 053171	06 JUL 79	14:00:04
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
APRINT	\$11)	017610 017760	\$10)	053172 053263	06 JUL 79	14:00:01
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
BSECT	\$11)	017761 020196	\$10)	053264 053322	06 JUL 79	13:59:52
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		
	\$1011)	GCOM	\$1010)	FCOM		
BSECT	\$11)	020197 020534	\$10)	053323 053364	06 JUL 79	13:59:49
	\$13)	ACOM	\$12)	BLANK*COMMON		
	\$15)	CCOM	\$14)	BCOM		
	\$17)	FCOM	\$16)	DCOM		

POOR ORIGINAL

CODE	DESCRIPTION	DATE	TIME
81011	FCOM	06 JUL 79	13:59:42
811	026535 922710		
813	ACOM		
815	CCOM		
817	FCOM		
81011	FCOM		
811	020711 020756	06 JUL 79	13:59:29
813	ACOM		
815	CCOM		
817	FCOM		
81011	FCOM		

SYS*RL1* LEVEL
 END MAP* ERRORS : NONE

POOR ORIGINAL

ENVIRONMENTAL TLD DOSE ASSESSMENT INPUT DATA:

TITLE: RUN 17C, MET ED + PENN, 1-79 THRU 4-79, FSAR(MDU) POP, 8-4-79

QUM CONTROL OPTIONS:

10-T= F F

POPI= T T T T T T

BASE DATA:

(SCODE, SSEC, SDIS, SCF)

1S2	1	.400	1.00
2S2	2	.700	1.00
4S2	4	.300	1.00
5S2	5	.200	1.00
9S2	9	.400	1.00
11S1	11	1.000-01	1.00
14S1	14	.400	1.00
16S1	16	.700	1.00
4A1	4	.500	1.00
5A1	5	.400	1.00
10E1	10	1.10	1.00
12E1	12	1.60	1.00
1C1	1	2.60	1.00
8C1	8	2.30	1.00
7F1	7	9.00	1.00
4G1	4	10.0	1.00
7G1	7	15.0	1.00
9G1	9	13.0	1.00
15G1	15	15.0	1.00
16A1	16	.400	1.00
E-1	4	.500	1.00
NE-1	2	.800	1.00
NE-2	2	1.80	1.00
N-1	1	2.60	1.00
NE-3	2	3.10	1.00
NE-4	3	6.70	1.00
N-2	1	5.10	1.00
N-3	1	7.40	1.00
N-4	1	9.30	1.00
N-5	1	12.6	1.00
NW-5	15	13.8	1.00
NW-4	15	9.60	1.00
NW-3	14	7.40	1.00
NW-2	15	5.90	1.00
NW-1	14	2.60	1.00
W-1	13	1.30	1.00
W-2	12	1.30	1.00
SW-1	10	2.20	1.00
W-3	13	2.90	1.00
W-5	13	7.40	1.00
W-4	13	5.90	1.00
SW-2	10	2.60	1.00
S-1	9	3.20	1.00
S-2	9	5.30	1.00
S-3	9	9.00	1.00
SW-3	11	8.30	1.00
SW-4	11	10.4	1.00
S-4	9	12.0	1.00

POOR ORIGINAL

PRINTED IN U.S.A.

SE-5	7	7.60	1.00													
SF-4	7	4.60	1.00													
SE-3	8	2.30	1.00													
SE-2	8	1.90	1.00													
SE-1	6	1.00	1.00													
E-2	6	2.70	1.00													
E-3	5	3.90	1.90													
E-4	5	7.00	1.00													
E-1A	5	400	1.00													
S-1A	9	3.35	1.00													
S-4A	7	5.00	1.00													
*-3A	12	4.40	1.00													
NF-3A	3	3.60	1.00													
N-1A	1	2.40	1.00													
N-1B	16	2.75	1.00													
N-1C	1	3.00	1.00													
N-1D	16	3.50	1.00													
N-1E	1	3.50	1.00													
N-1F	1	4.00	1.00													
E-5	5	400	1.00													
15610	15	15.0	1.00													
7F10	7	9.00	1.00													
5A10	5	400	1.00													
1520	1	400	1.00													
16510	16	200	1.00													
11510	11	1.000-01	1.00													
AC10	8	2.30	1.00													
4S20	4	300	1.00													
5S20	5	200	1.00													
4610	4	10.0	1.00													
T0011	12	1.60	1.00													
T0012	1	2.60	1.00													
T0013	5	400	1.00													
T0014	8	2.30	1.00													
H01	1	400	1.00													
H02	2	500	1.00													
H03	4	300	1.00													
H04	5	200	1.00													
H05	7	300	1.00													
H06	9	300	1.00													
H07	10	300	1.00													
H08	11	1.000-01	1.00													
H09	12	1.000-01	1.00													
H10	13	1.000-01	1.00													
H:1	15	200	1.00													

NSTA= 91

AD15=	.179	1.00	2.00	3.00	4.00	5.00	10.0	20.0	30.0	40.0	50.0
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POP:	N	19	212	197	372	415	1140	12643	9005	8941	47588
NF	55	75	16	480	373	11223	18240	6826	14478	45115	
FE	42	134	271	420	186	2244	38726	38979	9546	62345	
FH	58	55	184	461	262	1567	10205	18757	45445	177672	
E	42	60	38	137	552	10431	18453	62028	42445	38754	
ESF	6	36	14	214	236	2809	34339	124988	27822	42737	
SE	6	94	67	203	395	2096	20152	10000	10600	26958	

POOR ORIGINAL

SSF	RR	197	117	76	43	3690	44204	10774	15097	56763
5	1	134	137	817	1317	17190	111002	14648	13477	75781
SSW	1	98	584	217	752	6863	31917	44031	18596	37729
SW	1	104	181	562	219	4297	11601	19931	25536	18979
WSW	1	273	117	237	2961	5682	7996	8948	23010	
W	1	369	34	331	571	715F	35025	10370	20602	
WNW	1	106	253	197	235	11823	70460	14188	5333	3681
NW	1	1	60	41	1177	29482	99593	9308	9970	12630
NNW	1	1	1240	942	1921	15637	26482	10517	7256	12866

B = 1 ~ 0

TLD INPUT DATA:

(CTYP, STA, TLD, SIG, PER)

1C1	9.50	.00	APCI/03-4/15
7F1	4.40	.00	APCI/03-4/15
7F10	7.20	.00	APCI/03-4/15
1561	2.80	.00	APCI/03-4/15
15610	5.30	.00	APCI/03-4/15
1281	11.80	.00	APCI/03-4/15
961	4.40	.00	APCI/03-4/15
5A1	17.40	.00	APCI/03-4/15
5A10	15.90	.00	APCI/03-4/15
4A1	56.80	.00	APCI/03-4/15
252	51.00	.00	APCI/03-4/15
152	85.50	.00	APCI/03-4/15
1520	95.00	.00	APCI/03-4/15
1651	952.03	.00	APCI/03-4/15
16510	986.00	.00	APCI/03-4/15
1151	295.00	.00	APCI/03-4/15
11510	281.00	.00	APCI/03-4/15
952	30.00	.00	APCI/03-4/15
452	125.00	.00	APCI/03-4/15
4520	114.00	.00	APCI/03-4/15
552	80.50	.00	APCI/03-4/15
5520	89.30	.00	APCI/03-4/15
461	1.60	.00	APCI/03-4/15
4610	4.90	.00	APCI/03-4/15
6C1	10.90	.00	APCI/03-4/15
6C10	12.00	.00	APCI/03-4/15
761	3.10	.00	APCI/03-4/15
16A1	816.00	.00	APCI/03-4/15
1451	156.09	.00	APCI/03-4/15
1081	40.03	.00	APCI/03-4/15
100T1	8.30	.00	APCI/03-4/15
100T11	10.00	.00	APCI/03-4/15
100T2	3.00	.00	APCI/03-4/15
100T21	5.70	.00	APCI/03-4/15
100T3	11.00	.00	APCI/03-4/15
100T31	15.75	.00	APCI/03-4/15
100T4	8.80	.00	APCI/03-4/15
100T41	11.70	.00	APCI/03-4/15

DATA IGNORED - IN CONTROL MODE

CFP

NIF9

POOR ORIGINAL

RUNID: EISEN3 ACCT: 36053-EISEN3 PROJECT: TM1

TIME: TOTAL: 00:00:23.105 CBS: 00001169.007

CPU: 00:00:07.499 I/O: 00:00:08.062

CC/ER: 00:00:07.492 WAIT: 00:00:00.245

IMAGES READ: 140 PAGES: 21

TAPE DRIVES: 0 MOUNTS: 0

START: 14:47:08 OCT 25, 1979 FIN: 14:54:29 OCT 25, 1979

*****JOB***** APPROX. RUN COST *****

TOTAL RUN COST: \$ 3.32

CPU:\$ 0.45 CBS:\$ 1.90 I/O:\$ 0.48 CC/ER:\$ 0.45

IMAGES READ: \$ 0.00 PAGES: \$ 1.47

TAPES: \$ 0.00

PRIORITY: J INPUT DEVICE: CR81

SURCHARGES: RUN: \$0.25 PRINT: \$0.25

(PRINT/PUNCH CHARGES ASSUME PRINT/PUNCH HAS OCCURRED)

(7% DISCOUNT ALL JOBS THRU 12/30/79)

POOR ORIGINAL

