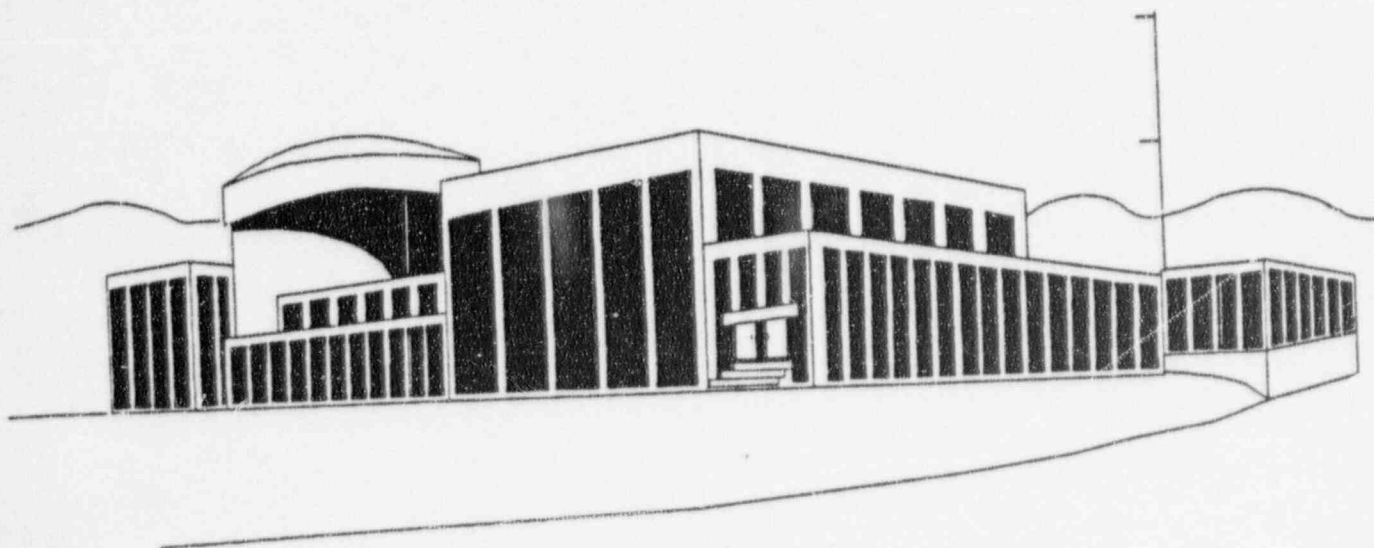


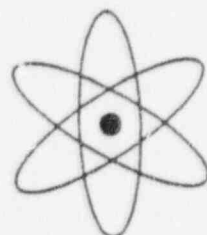
Omaha Public Power District Fort Calhoun Station Unit No. 1

Annual Report
For
Technical Specification
Section 5.9.1.B

January 1, 1995 to December 31, 1995



DOCKET NO. 50-285



OPERATING LICENSE DPR-40

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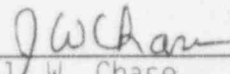
INTRODUCTION

This report is submitted in accordance with Sections 5.9.1.b and 5.9.4.a of the Technical Specifications of Fort Calhoun Station Unit No. 1, Facility Operating License DPR-40.

This document contains the Annual Report for Technical Specification Section 5.9.1.b and the Annual Effluent Release Report for Technical Specification 5.9.4.a for the period January 1, 1995 through December 31, 1995. The Effluent Report is presented in the format outlined in Regulatory Guide 1.21, Revision 1.

In addition, this report provides the results of quarterly dose calculations performed in accordance with the Offsite Dose Calculation Manual. Results are presented by quarter for the period January 1, 1995 through December 31, 1995.

Also, descriptions of any changes made during the preceding twelve months to the Offsite Dose Calculation Manual and/or the Process Control Program for the Fort Calhoun Station are presented.



J. W. Chase
Manager-Fort Calhoun Station

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SECTION I
QUARTERLY DOSES FROM EFFLUENTS

Offsite Dose Calculation Manual

January 1, 1995 - December 31, 1995

Quarterly Dose Calculation Results
January 1, 1995 through December 31, 1995

With the implementation of the Fort Calhoun Station Radiological Effluent Technical Specifications (RETS) on October 1, 1985, radiation doses in the unrestricted area from liquid and gaseous effluents must be calculated on a quarterly basis in accordance with the Offsite Dose Calculation Manual (ODCM). These calculations are performed to ensure the annual dose limits delineated in Appendix I of 10 CFR Part 50 and implemented by the RETS are not exceeded. If the results of the quarterly calculations exceed fifty percent (50%) of the annual limits of Appendix I, actions are taken to reduce effluents so that resultant doses do not exceed the annual limits during the remainder of the year and a special report is submitted to the NRC.

This section presents the results of the quarterly dose calculations performed since January 1, 1995. Details are shown in Tables on Pages I-3 through I-6 as to the types, sources and resultant doses from the effluents, annual limits and a comparison to the annual limits.

As can be seen by review of the quarterly calculational results, OPPD is in compliance with the ODCM. The quarterly totals are well below the 50% annual dose acceptance criteria. In addition, the summation of the quarterly totals shows OPPD to be less than the annual limits and in compliance with the regulations and the ODCM.

QUARTERLY CUMULATIVE DOSE CONTRIBUTIONS FROM RADIOACTIVE EFFLUENTS
FIRST QUARTER, 1995

<u>I. LIQUID EFFLUENTS:</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (mREM)</u>
Batch:	6.57E-02	9.20E-02
Continuous:	<u>5.22E-05</u>	<u>1.23E-05</u>
Totals:	6.58E-02	9.20E-02
ODCM Annual Objective:	3.00E+00	1.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	2.19%	0.92%
Year to Date:	2.19%	0.92%
<u>II. GASEOUS EFFLUENTS:</u>	<u>TOTAL BODY GAMMA DOSE (mREM)</u>	<u>TOTAL BODY BETA DOSE (mREM)</u>
A. Noble Gas Air Dose	1.44E-02	4.27E-02
ODCM Annual Objective:	1.00E+01	2.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.14%	0.21%
Year to Date:	0.14%	0.21%
B. <u>I-131, H-3, and Particulates with Half-Lives > 8 Days</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (Thyroid, mREM)</u>
* Inhalation:	7.58E-05	3.90E-03
* Ground and Food:	<u>1.29E-03</u>	<u>6.60E-01</u>
Totals:	1.36E-03	6.64E-01
ODCM Annual Objective:	1.50E+01	1.50E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.01%	4.43%
Year to Date:	0.01%	4.43%

* Using Highest of Infant or Child Dose Factors

QUARTERLY CUMULATIVE DOSE CONTRIBUTIONS FROM RADIOACTIVE EFFLUENTS

SECOND QUARTER, 1995

<u>I. LIQUID EFFLUENTS:</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (mREM)</u>
Batch:	9.71E-02	1.48E-01
Continuous:	<u>9.27E-05</u>	<u>1.45E-04</u>
Totals:	9.72E-02	1.48E-01
ODCM Annual Objective:	3.00E+00	1.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	3.24%	1.48%
Year to Date:	5.43%	2.40%
<u>II. GASEOUS EFFLUENTS:</u>	<u>TOTAL BODY GAMMA DOSE (mREM)</u>	<u>TOTAL BODY BETA DOSE (mREM)</u>
A. Noble Gas Air Dose	1.54E-03	3.75E-03
ODCM Annual Objective:	1.00E+01	2.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.02%	0.02%
Year to Date:	0.16%	0.23%
B. <u>I-131, H-3, and Particulates with Half-Lives > 8 Days</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (Thyroid, mREM)</u>
* Inhalation:	4.56E-06	9.92E-04
* Ground and Food:	<u>2.48E-04</u>	<u>1.70E-01</u>
Totals:	2.52E-04	1.71E-01
ODCM Annual Objective:	1.50E+01	1.50E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.00%	1.14%
Year to Date:	0.01%	5.57%

* Using Highest of Infant or Child Dose Factors

QUARTERLY CUMULATIVE DOSE CONTRIBUTIONS FROM RADIOACTIVE EFFLUENTS

THIRD QUARTER, 1995

<u>I. LIQUID EFFLUENTS:</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (mREM)</u>
Batch:	3.40E-02	4.84E-02
Continuous:	<u>9.58E-06</u>	<u>9.58E-06</u>
Totals:	3.40E-02	4.84E-02
ODCM Annual Objective:	3.00E+00	1.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	1.13%	0.48%
Year to Date:	6.56%	2.88%
<u>II. GASEOUS EFFLUENTS:</u>	<u>TOTAL BODY GAMMA DOSE (mREM)</u>	<u>TOTAL BODY BETA DOSE (mREM)</u>
A. Noble Gas Air Dose	6.56E-03	1.82E-02
ODCM Annual Objective:	1.00E+01	2.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.07%	0.09%
Year to Date:	0.23%	0.32%
B. <u>I-131, H-3, and Particulates with Half-Lives > 8 Days</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (Thyroid, mREM)</u>
* Inhalation:	9.88E-06	1.90E-04
* Ground and Food:	<u>9.94E-05</u>	<u>3.16E-02</u>
Totals:	1.09E-04	3.18E-02
ODCM Annual Objective:	1.50E+01	1.50E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.00%	0.21%
Year to Date:	0.01%	5.78%

* Using Highest of Infant or Child Dose Factors

QUARTERLY CUMULATIVE DOSE CONTRIBUTIONS FROM RADIOACTIVE EFFLUENTS

FOURTH QUARTER, 1995

<u>I. LIQUID EFFLUENTS:</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (mREM)</u>
Batch:	6.67E-02	9.87E-02
Continuous:	<u>3.81E-06</u>	<u>3.81E-06</u>
Totals:	6.67E-02	9.87E-02
ODCM Annual Objective:	3.00E+00	1.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	2.22%	0.99%
Year to Date:	8.78%	3.87%
<u>II. GASEOUS EFFLUENTS:</u>	<u>TOTAL BODY GAMMA DOSE (mREM)</u>	<u>TOTAL BODY BETA DOSE (mREM)</u>
A. Noble Gas Air Dose	9.68E-03	2.70E-02
ODCM Annual Objective:	1.00E+01	2.00E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.10%	0.14%
Year to Date:	0.33%	0.46%
B. <u>I-131, H-3, and Particulates with Half-Lives > 8 Days</u>	<u>TOTAL BODY DOSE (mREM)</u>	<u>CRITICAL ORGAN DOSE (Thyroid, mREM)</u>
* Inhalation:	1.31E-05	1.58E-04
* Ground and Food:	<u>1.14E-04</u>	<u>2.21E-02</u>
Totals:	1.27E-04	2.23E-02
ODCM Annual Objective:	1.50E+01	1.50E+01
<u>Percent of ODCM Annual Objective:</u>		
This Quarter:	0.00%	0.15%
Year to Date:	0.01%	5.93%

* Using Highest of Infant or Child Dose Factors

SECTION II
ANNUAL OCCUPATIONAL EXPOSURE REPORT

Technical Specification 5.9.1.b

January 1, 1995 - December 31, 1995

LICENSE: DPR-40

Regulatory Guide 1.16 Information
 End of Year Report 1995

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem *		
	Station	Utility	Contractor	Station	Utility	Contractor
REACTOR OPERATIONS AND SURVEILLANCE						
MAINTENANCE AND CONSTRUCTION	1	0	0	0.388	0.004	0.001
OPERATIONS	32	0	0	8.434	0.000	0.000
HEALTH PHYSICS	17	0	14	6.085	0.000	3.611
SUPERVISORY	2	0	0	0.757	0.000	0.000
ENGINEERING	2	0	0	0.799	0.000	0.001
ROUTINE MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	54	18	45	17.199	5.426	16.392
OPERATIONS	0	0	0	0.399	0.000	0.005
HEALTH PHYSICS	20	0	27	6.050	0.000	7.721
SUPERVISORY	7	0	0	2.201	0.014	1.163
ENGINEERING	11	1	1	3.421	0.495	0.750
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	15	14	7	4.040	4.072	2.127
OPERATIONS	0	0	0	0.083	0.000	0.017
HEALTH PHYSICS	3	0	17	0.849	0.000	4.330
SUPERVISORY	0	0	0	0.059	0.000	0.200
ENGINEERING	6	0	35	1.564	0.014	17.892
SPECIAL MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	1	1	14	0.559	0.344	5.007
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.189	0.000	1.122
SUPERVISORY	0	0	0	0.084	0.000	0.039
ENGINEERING	3	0	6	0.742	0.000	4.098
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.014	0.005	0.008
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	8	0	3	1.814	0.000	1.500
SUPERVISORY	0	0	0	0.003	0.000	0.000
ENGINEERING	0	0	0	0.001	0.000	0.002

Regulatory Guide 1.16 Information
End of Year Report 1995

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem *		
	Station	Utility	Contractor	Station	Utility	Contractor
REFUELING						
MAINTENANCE AND CONSTRUCTION	35	21	8	12.471	9.880	4.698
OPERATIONS	0	0	0	1.749	0.000	0.000
HEALTH PHYSICS	5	0	24	1.372	0.000	5.442
SUPERVISORY	2	0	0	1.290	0.000	0.268
ENGINEERING	8	0	5	3.314	0.100	1.790
Totals						
MAINTENANCE AND CONSTRUCTION	106	54	74	34.671	19.731	28.233
OPERATIONS	32	0	0	10.665	0.000	0.022
HEALTH PHYSICS	53	0	85	16.359	0.000	23.732
SUPERVISORY	11	0	0	4.394	0.014	1.670
ENGINEERING	30	1	47	9.841	0.609	24.533
Grand Totals	232	55	206	75.930	20.354	78.190

* The total radiation exposure of the above personnel constitutes 100% of the site's exposure for the year.

Year-to-Date 95 TEDE Distribution Report
 All Monitored Personnel

Year-to-Date TEDE rem	No. of Persons	Percent	Cum. Percent	TEDE Total	Percent	Cum. Percent	Ave. TEDE	Ave. Age
No Measurable Exposure	595	48.69	48.69	0.000	0.00	0.00	0.000	45
0.001 - 0.100	258	21.11	69.80	10.801	7.76	7.76	0.042	41
0.100 - 0.250	161	13.18	82.98	26.128	18.78	26.54	0.162	41
0.250 - 0.500	124	10.15	93.13	46.053	33.10	59.64	0.371	39
0.500 - 0.750	62	5.07	98.20	36.638	26.33	85.97	0.591	37
0.750 - 1.000	17	1.39	99.59	13.993	10.06	96.03	0.823	42
1.000 - 2.000	5	0.41	100.00	5.530	3.97	100.00	1.106	41
2.000 - 3.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
3.000 - 4.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
4.000 - 5.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
5.000 - 6.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
6.000 - 7.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
7.000 - 8.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
8.000 - 9.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
9.000 - 10.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0
> 10.000	0	0.00	100.00	0.000	0.00	100.00	0.000	0

Total Number of Monitored Personnel: 1,222 Persons
 Total Exposure: 139.143 rem
 Average Exposure: 0.114 rem / Person

SECTION III
RADIOACTIVE EFFLUENT RELEASES - GASEOUS EFFLUENTS

Technical Specification 5.5.4.a

Table 1A	Gaseous Effluents - Summation of All Releases
Table 1B	Not Applicable
Table 1C	Gaseous Effluents - Summation of All Releases
Table 1D	Gaseous Effluents - Summation of All Releases

January 1, 1995 - December 31, 1995

Radioactive Effluent Releases - First, Second, Third, and Fourth Quarters 1995

GASEOUS EFFLUENTS

Radioactive gaseous releases for the reporting period totaled $5.40\text{E}+02$ Curies of inert gas. The gross gaseous activity release rates were $3.26\text{E}+01$ $\mu\text{Ci}/\text{sec}$ for the first quarter, $2.72\text{E}+00$ $\mu\text{Ci}/\text{sec}$ for the second quarter, $1.35\text{E}+01$ $\mu\text{Ci}/\text{sec}$ for the third quarter, and $2.00\text{E}+01$ $\mu\text{Ci}/\text{sec}$ for the fourth quarter.

Radioactive halogens and particulates with half-lives greater than eight days released during the reporting period totaled $3.00\text{E}-03$ Curies. The halogen release rates were $3.12\text{E}-04$ $\mu\text{Ci}/\text{sec}$ for the first quarter, $5.00\text{E}-05$ $\mu\text{Ci}/\text{sec}$ for the second quarter, $8.87\text{E}-06$ $\mu\text{Ci}/\text{sec}$ for the third quarter, and $1.03\text{E}-05$ $\mu\text{Ci}/\text{sec}$ for the fourth quarter. The release rate for particulates with half lives greater than 8 days were $9.08\text{E}-08$ $\mu\text{Ci}/\text{sec}$ for the first quarter, $1.13\text{E}-06$ $\mu\text{Ci}/\text{sec}$ for the second quarter, $1.66\text{E}-06$ $\mu\text{Ci}/\text{sec}$ for the third quarter and $0.00\text{E}+00$ $\mu\text{Ci}/\text{sec}$ for the fourth quarter.

Total radioactive tritium released during the reporting period totaled $8.25\text{E}-01$ Curies. Gross alpha radioactivity released during the reporting period totaled $6.90\text{E}-05$ Curies.

TABLE 1A
 EFFLUENT AND WASTE DISPOSAL REPORT
 GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
 FIRST QUARTER, 1995

<u>Nuclides(Ci)</u>	<u>CONT</u>	<u>WGDT</u>	<u>RM-062</u>	<u>RM-043</u>	<u>RM-057</u>	<u>Total</u>
A. Fission & Activation Gases						
Total Release (Ci):	2.51E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+02
Avg. Release Rate for period (uCi/sec):	3.23E+01	2.51E-01	0.00E+00	0.00E+00	0.00E+00	3.26E+01
Percent of ODCM Limit (%):						*
B. Iodines						
Total Release (Ci):	0.00E+00	0.00E+00	2.42E-03	7.09E-06	0.00E+00	2.43E-03
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	3.11E-04	9.12E-07	0.00E+00	3.12E-04
Percent of ODCM Limit (%):						*
C. Particulates						
Total Release (Ci):	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	7.06E-07
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	9.08E-08	0.00E+00	0.00E+00	9.08E-08
Percent of ODCM Limit (%):						*
D. Gross Alpha	0.00E+00	0.00E+00	1.11E-05	1.07E-07	0.00E+00	1.12E-05
E. Tritium						
Total Release (Ci):	6.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-01
Avg. Release Rate for period (uCi/sec):	7.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-02
Percent of ODCM Limit (%):						*

NOTE: Applicable Limits are expressed in terms of Dose. See Tables on pages I-3 through I-6 of this report.

TABLE 1A
 EFFLUENT AND WASTE DISPOSAL REPORT
 GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
 SECOND QUARTER, 1995

<u>Nuclides(Ci)</u>	<u>CONT</u>	<u>UGDT</u>	<u>RM-062</u>	<u>RM-043</u>	<u>RM-057</u>	<u>Total</u>
A. Fission & Activation Gases						
Total Release (Ci):	2.10E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
Avg. Release Rate for period (uCi/sec):	2.68E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	2.72E+00
Percent of ODCM Limit (%):						*
B. Iodines						
Total Release (Ci):	0.00E+00	0.00E+00	3.74E-04	1.93E-05	0.00E+00	3.93E-04
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	4.75E-05	2.45E-06	0.00E+00	5.00E-05
Percent of ODCM Limit (%):						*
C. Particulates						
Total Release (Ci):	0.00E+00	0.00E+00	7.95E-06	9.16E-07	0.00E+00	8.86E-06
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	1.01E-06	1.17E-07	0.00E+00	1.13E-06
Percent of ODCM Limit (%):						*
D. Gross Alpha						
	0.00E+00	0.00E+00	1.26E-05	2.36E-07	0.00E+00	1.29E-05
E. Tritium						
Total Release (Ci):	2.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-02
Avg. Release Rate for period (uCi/sec):	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
Percent of ODCM Limit (%):						*

NOTE: Applicable Limits are expressed in terms of Dose. See Tables on pages I-3 through I-6 of this report.

TABLE 1A
 EFFLUENT AND WASTE DISPOSAL REPORT
 GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
 THIRD QUARTER, 1995

<u>Nuclides(Ci)</u>	<u>CONT</u>	<u>WGDT</u>	<u>RM-062</u>	<u>RM-043</u>	<u>RM-057</u>	<u>Total</u>
A. Fission & Activation Gases						
Total Release (Ci):	1.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+02
Avg. Release Rate for period (uCi/sec):	1.35E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E+01
Percent of ODCM Limit (%):						*
B. Iodines						
Total Release (Ci):	0.00E+00	0.00E+00	6.37E-05	6.85E-06	0.00E+00	7.05E-05
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	8.01E-06	8.61E-07	0.00E+00	8.87E-06
Percent of ODCM Limit (%):						*
C. Particulates						
Total Release (Ci):	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.66E-06
Percent of ODCM Limit (%):						*
D. Gross Alpha	0.00E+00	0.00E+00	2.03E-05	2.55E-07	0.00E+00	2.06E-05
E. Tritium						
Total Release (Ci):	8.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02
Avg. Release Rate for period (uCi/sec):	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
Percent of ODCM Limit (%):						*

NOTE: Applicable Limits are expressed in terms of Dose. See Tables on pages I-3 through I-6 of this report.

TABLE 1A
 EFFLUENT AND WASTE DISPOSAL REPORT
 GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
 FOURTH QUARTER, 1995

<u>Nuclides (Ci)</u>	<u>CONT</u>	<u>WGDT</u>	<u>RM-062</u>	<u>RM-043</u>	<u>RM-057</u>	<u>Total</u>
A. Fission & Activation Gases						
Total Release (Ci):	1.59E+02	3.44E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+02
Avg. Release Rate for period (uCi/sec):	2.00E+01	4.32E-03	0.00E+00	0.00E+00	0.00E+00	2.00E+01
Percent of ODCM Limit (%):						*
B. Iodines						
Total Release (Ci):	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	8.16E-05
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.03E-05
Percent of ODCM Limit (%):						*
C. Particulates						
Total Release (Ci):	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg. Release Rate for period (uCi/sec):	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Percent of ODCM Limit (%):						*
D. Gross Alpha						
Total Release (Ci):	0.00E+00	0.00E+00	2.42E-05	1.23E-07	0.00E+00	2.43E-05
E. Tritium						
Total Release (Ci):	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
Avg. Release Rate for period (uCi/sec):	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-02
Percent of ODCM Limit (%):						*

NOTE: Applicable Limits are expressed in terms of Dose. See Tables on pages I-3 through I-6 of this report.

TABLE 1C

EFFLUENT AND WASTE DISPOSAL REPORT

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

FIRST QUARTER, 1995

Nuclides(Ci)	Cont	WGDT	RM-062	RM-043	RM-057	Total
Fission & Activation Gases						
Argon-41	1.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-01
Krypton-85	8.86E-01	6.34E-01	0.00E+00	0.00E+00	0.00E+00	1.52E+00
Krypton-85M	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
Krypton-87	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
Krypton-88	6.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-03
Xenon-131M	2.38E+00	4.39E-02	0.00E+00	0.00E+00	0.00E+00	2.42E+00
Xenon-133	2.46E+02	1.27E+00	0.00E+00	0.00E+00	0.00E+00	2.47E+02
Xenon-133M	2.01E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	2.02E+00
Xenon-135	3.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-01
Total for Period:	2.51E+02	1.95E+00	0.00E+00	0.00E+00	0.00E+00	2.53E+02
Iodines						
Iodine-131	0.00E+00	0.00E+00	1.47E-03	7.09E-06	0.00E+00	1.48E-03
Iodine-132	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	9.46E-04
Iodine-133	0.00E+00	0.00E+00	6.07E-06	0.00E+00	0.00E+00	6.07E-06
Total for Period:	0.00E+00	0.00E+00	2.42E-03	7.09E-06	0.00E+00	2.43E-03
Particulates						
Nickel-63	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	7.06E-07
Total for Period:	0.00E+00	0.00E+00	7.06E-07	0.00E+00	0.00E+00	7.06E-07
Tritium and Gross Alpha						
Tritium	6.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-01
Gross Alpha	0.00E+00	0.00E+00	1.11E-05	1.07E-07	0.00E+00	1.12E-05

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 1C
EFFLUENT AND WASTE DISPOSAL REPORT
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
SECOND QUARTER, 1995

Nuclides(Ci)	Cont	WGDT	RM-062	RM-043	RM-057	Total
Fission & Activation Gases						
Argon-41	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-01
Krypton-85	1.18E-02	3.17E-01	0.00E+00	0.00E+00	0.00E+00	3.29E-01
Krypton-85M	1.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-02
Krypton-88	5.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-03
Xenon-131M	1.82E-01	2.04E-02	0.00E+00	0.00E+00	0.00E+00	2.03E-01
Xenon-133	2.02E+01	3.00E-02	0.00E+00	0.00E+00	0.00E+00	2.02E+01
Xenon-133M	2.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01
Xenon-135	2.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-01
Total for Period:	2.10E+01	3.68E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+01
Iodines						
Iodine-131	0.00E+00	0.00E+00	3.63E-04	1.93E-05	0.00E+00	3.82E-04
Iodine-133	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.10E-05
Total for Period:	0.00E+00	0.00E+00	3.74E-04	1.93E-05	0.00E+00	3.93E-04
Particulates						
Cobalt-58	0.00E+00	0.00E+00	5.63E-06	9.16E-07	0.00E+00	6.55E-06
Niobium-95	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.31E-06
Total for Period:	0.00E+00	0.00E+00	7.95E-06	9.16E-07	0.00E+00	8.86E-06
Tritium and Gross Alpha						
Tritium	2.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-02
Gross Alpha	0.00E+00	0.00E+00	1.26E-05	2.36E-07	0.00E+00	1.29E-05

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 1C

EFFLUENT AND WASTE DISPOSAL REPORT

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

THIRD QUARTER, 1995

Nuclides(Ci)	Cont	WGDT	RM-062	RM-043	RM-057	Total
Fission & Activation Gases						
Argon-41	2.61E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-01
Krypton-85	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02
Krypton-85M	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02
Krypton-88	2.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-02
Xenon-131M	1.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E+00
Xenon-133	1.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E+02
Xenon-133M	9.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-01
Xenon-135	6.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-01
Total for Period:	1.07E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E+02
Iodines						
Iodine-131	0.00E+00	0.00E+00	6.37E-05	6.85E-06	0.00E+00	7.05E-05
Total for Period:	0.00E+00	0.00E+00	6.37E-05	6.85E-06	0.00E+00	7.05E-05
Particulates						
Thorium-234	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
Total for Period:	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.32E-05
Tritium and Gross Alpha						
Tritium	8.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02
Gross Alpha	0.00E+00	0.00E+00	2.03E-05	2.55E-07	0.00E+00	2.06E-05

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LID) values.

TABLE 1C

EFFLUENT AND WASTE DISPOSAL REPORT

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

FOURTH QUARTER, 1995

Nuclides(Ci)	Cont	MGDT	RM-062	RM-043	RM-057	Total
Fission & Activation Gases						
Argon-41	2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
Krypton-85	3.51E-01	3.42E-02	0.00E+00	0.00E+00	0.00E+00	3.86E-01
Krypton-85M	6.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-02
Krypton-87	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
Krypton-88	5.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02
Xenon-131M	9.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-01
Xenon-133	1.54E+02	1.81E-04	0.00E+00	0.00E+00	0.00E+00	1.54E+02
Xenon-133M	1.52E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E+00
Xenon-135	1.40E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	1.40E+00
Total for Period:	1.59E+02	3.44E-02	0.00E+00	0.00E+00	0.00E+00	1.59E+02
Iodines						
Iodine-131	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	4.91E-05
Iodine-133	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	3.25E-05
Total for Period:	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	8.16E-05
Particulates						
Total for Period:	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tritium and Gross Alpha						
Tritium	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
Gross Alpha	0.00E+00	0.00E+00	2.42E-05	1.23E-07	0.00E+00	2.43E-05

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 1D
EFFLUENT AND WASTE DISPOSAL REPORT
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
FIRST QUARTER, 1995

1. Number of Batch Releases: 94
2. Total Time Period for Batch Releases: 81683.0 minutes
3. Maximum Time Period for a Batch Release: 5395.0 minutes
4. Average Time Period for Batch Releases: 869.0 minutes
5. Minimum Time Period for a Batch Release: 56.0 minutes

TABLE 1D
EFFLUENT AND WASTE DISPOSAL REPORT
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
SECOND QUARTER, 1995

1. Number of Batch Releases: 26
2. Total Time Period for Batch Releases: 73340.0 minutes
3. Maximum Time Period for a Batch Release: 8158.0 minutes
4. Average Time Period for Batch Releases: 2820.8 minutes
5. Minimum Time Period for a Batch Release: 355.0 minutes

TABLE 1D
EFFLUENT AND WASTE DISPOSAL REPORT
GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES
THIRD QUARTER, 1995

1. Number of Batch Releases: 13
2. Total Time Period for Batch Releases: 65952.0 minutes
3. Maximum Time Period for a Batch Release: 5617.0 minutes
4. Average Time Period for Batch Releases: 5073.2 minutes
5. Minimum Time Period for a Batch Release: 4200.0 minutes

TABLE 1D
EFFLUENT AND WASTE DISPOSAL REPORT
GASEOUS EFFLUENTS--SUMMATION Of ALL RELEASES
FOURTH QUARTER, 1995

1. Number of Batch Releases: 15
2. Total Time Period for Batch Releases: 65978.0 minutes
3. Maximum Time Period for a Batch Release: 6607.0 minutes
4. Average Time Period for Batch Releases: 4398.5 minutes
5. Minimum Time Period for a Batch Release: 175.0 minutes

SECTION IV
RADIOACTIVE EFFLUENT RELEASES - LIQUID EFFLUENTS

Technical Specification 5.9.4.a

Table 2A Liquid Effluents - Summation of All Releases
Table 2B Liquid Effluents - Summation of All Releases
Table 2C Liquid Effluents - Summation of All Releases

January 1, 1995 - December 31, 1995

Radioactive Effluent Releases - First, Second, Third, and Fourth Quarters 1995

LIQUID EFFLUENTS

During the reporting period, a total of $4.97\text{E-}01$ Curies of radioactive liquid materials less tritium, dissolved noble gases, and alpha were released to the Missouri River at an average concentration of $3.89\text{E-}10$ $\mu\text{Ci/ml}$. This represents $3.89\text{E-}02\%$ of the limits specified in Appendix B to 10 CFR Part 20 ($1.0\text{E-}06$ $\mu\text{Ci/ml}$ for unrestricted areas). $2.57\text{E+}02$ Curies of tritium were discharged at an average diluted concentration $2.01\text{E-}07$ $\mu\text{Ci/ml}$ or $2.01\text{E-}02\%$ of WEC ($1.0\text{E-}03$ $\mu\text{Ci/ml}$). Gross alpha radioactivity released during the reporting period totaled $7.33\text{E-}03$ Curies.

Dilution water during the period amounted to $1.28\text{E+}12$ liters, while radioactive liquid waste volume was $1.31\text{E+}08$ liters.

TABLE 2A
 EFFLUENT AND WASTE DISPOSAL REPORT
 LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
 JANUARY THROUGH DECEMBER 1995

	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
A. Fission & Activation Products				
Total Release				
(No Tritium, Gas, Alpha) (Ci):	4.95E-02	3.27E-01	9.25E-02	2.79E-02
Avg Diluted Concentration (uCi/ml):	2.39E-10	1.11E-09	2.58E-10	6.66E-11
Percent of Limit				
10 CFR 20, App. B = 1.0E-06 (%):	2.39E-02	1.11E-01	2.58E-02	6.66E-03
B. Tritium				
Total Release (Ci):	1.10E+02	4.24E+01	5.60E+01	4.84E+01
Avg Diluted Concentration (uCi/ml):	5.30E-07	1.44E-07	1.56E-07	1.15E-07
Percent of Limit				
10 CFR 20, App. B = 1.0E-03 (%):	5.30E-02	1.44E-02	1.56E-02	1.15E-02
C. Dissolved & Entrained Gases				
Total Release (Ci):	2.12E-01	1.16E-01	3.27E-01	2.57E-01
Avg Diluted Concentration (uCi/ml):	1.02E-09	3.95E-10	9.12E-10	6.13E-10
Percent of Limit				
ODCM = 2.0E-04 (%):	5.11E-04	1.98E-04	4.56E-04	3.07E-04
D. Gross Alpha Radioactivity				
Total Release (Ci):	8.09E-04	5.03E-03	5.02E-04	9.87E-04
E. Volume of Waste Released				
Prior to Dilution (Liters):	2.08E+07	3.18E+07	3.82E+07	4.05E+07
F. Volume of Dilution Water				
This Period (Liters):	2.07E+11	2.94E+11	3.59E+11	4.19E+11

TABLE 2B
 EFFLUENT AND WASTE DISPOSAL REPORT
 LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
 FIRST QUARTER, 1995

Nuclides(Ci)	Continuous	Batch
Fission & Activation Products		
Silver-110M	0.00E+00	3.74E-04
Barium-140	0.00E+00	4.71E-04
Cerium-141	0.00E+00	2.91E-05
Cerium-144	0.00E+00	2.34E-04
Cobalt-57	0.00E+00	1.20E-06
Cobalt-58	0.00E+00	4.45E-03
Cobalt-60	0.00E+00	7.09E-04
Chromium-51	0.00E+00	5.30E-03
Cesium-134	0.00E+00	2.82E-04
Cesium-137	0.00E+00	3.85E-03
Cesium-138	0.00E+00	1.76E-05
Iron-55	0.00E+00	6.60E-03
Iron-59	0.00E+00	3.73E-04
Hafnium-181	0.00E+00	5.33E-05
Iodine-129	0.00E+00	4.02E-05
Iodine-131	0.00E+00	1.98E-03
Iodine-132	0.00E+00	3.22E-06
Iodine-133	0.00E+00	8.19E-05
Indium-113M	0.00E+00	6.06E-05
Lanthanum-140	0.00E+00	1.90E-03
Lanthanum-141	0.00E+00	1.37E-04
Manganese-54	0.00E+00	1.84E-04
Molybdenum-99	0.00E+00	1.23E-04
Sodium-24	0.00E+00	5.53E-06
Niobium-95	0.00E+00	2.99E-03
Niobium-95M	0.00E+00	1.80E-05
Neptunium-239	0.00E+00	6.06E-05
Praseodymium-144	0.00E+00	2.34E-04
Rhodium-103M	0.00E+00	4.88E-05
Ruthenium-103	0.00E+00	4.88E-05
Ruthenium-105	0.00E+00	2.08E-06
Antimony-122	0.00E+00	1.42E-04
Antimony-124	0.00E+00	3.76E-03
Antimony-125	0.00E+00	1.15E-02
Antimony-126	0.00E+00	1.93E-04
Tin-113	0.00E+00	6.06E-05
Tin-117M	0.00E+00	3.44E-05

Strontium-85	0.00E+00	7.75E-07
Strontium-89	6.95E-05	3.81E-05
Strontium-90	6.75E-05	1.40E-05
Technetium-99M	0.00E+00	7.21E-05
Tellurium-132	0.00E+00	2.96E-05
Yttrium-90	6.75E-05	1.40E-05
Zirconium-95	0.00E+00	2.80E-03
Total for Period:	2.05E-04	4.93E-02
Dissolved & Entrained Gases		
Xenon-131M	0.00E+00	4.48E-03
Xenon-133	0.00E+00	2.07E-01
Xenon-133M	0.00E+00	7.97E-04
Xenon-135	0.00E+00	3.09E-05
Total for Period:		
	0.00E+00	2.12E-01
Other, Tritium and Alpha		
Tritium	1.37E-01	1.10E+02
Alpha	0.00E+00	8.09E-04

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 2B
 EFFLUENT AND WASTE DISPOSAL REPORT
 LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
 SECOND QUARTER, 1995

Nuclides(Ci)	Continuous	Batch
Fission & Activation Products		
Silver-110M	0.00E+00	4.99E-03
Cerium-141	0.00E+00	1.84E-04
Cerium-144	0.00E+00	1.26E-03
Cobalt-57	0.00E+00	4.87E-05
Cobalt-58	0.00E+00	2.79E-02
Cobalt-60	0.00E+00	3.30E-03
Chromium-51	0.00E+00	1.19E-02
Cesium-134	0.00E+00	1.52E-03
Cesium-136	0.00E+00	2.83E-06
Cesium-137	1.92E-05	1.52E-02
Iron-55	0.00E+00	2.45E-02
Iron-59	0.00E+00	3.55E-04
Hafnium-181	0.00E+00	2.85E-04
Iodine-129	0.00E+00	9.53E-06
Iodine-131	0.00E+00	3.40E-03
Indium-113M	0.00E+00	4.17E-04
Lanthanum-140	0.00E+00	1.44E-04
Lanthanum-141	0.00E+00	5.39E-05
Manganese-54	0.00E+00	1.52E-03
Sodium-24	0.00E+00	9.55E-06
Niobium-95	0.00E+00	2.23E-02
Niobium-95M	0.00E+00	6.36E-05
Praseodymium-144	0.00E+00	1.26E-03
Rhodium-103M	0.00E+00	2.01E-04
Ruthenium-103	0.00E+00	2.01E-04
Antimony-122	0.00E+00	6.82E-06
Antimony-124	0.00E+00	3.42E-02
Antimony-125	0.00E+00	1.56E-01
Antimony-126	0.00E+00	5.06E-04
Tin-113	0.00E+00	4.22E-04
Strontium-89	0.00E+00	5.26E-05
Strontium-90	0.00E+00	3.29E-05
Tellurium-132	0.00E+00	1.07E-05
Yttrium-90	0.00E+00	3.29E-05
Zinc-65	0.00E+00	1.93E-05
Zirconium-95	0.00E+00	1.44E-02
Total for Period:	1.92E-05	3.27E-01

Dissolved & Entrained Gases		
Xenon-131M	0.00E+00	2.87E-03
Xenon-133	0.00E+00	1.13E-01
Xenon-133M	0.00E+00	7.34E-05
Total for Period:	0.00E+00	1.16E-01
Other, Tritium and Alpha		
Tritium	3.61E-02	4.23E+01
Alpha	1.35E-04	4.89E-03

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 2B
 EFFLUENT AND WASTE DISPOSAL REPORT
 LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
 THIRD QUARTER, 1995

<u>Nuclides(Ci)</u>	<u>Continuous</u>	<u>Batch</u>
Fission & Activation Products		
Silver-110M	0.00E+00	3.12E-03
Cerium-144	0.00E+00	1.31E-04
Cobalt-57	0.00E+00	8.91E-05
Cobalt-58	0.00E+00	1.36E-02
Cobalt-60	0.00E+00	6.48E-03
Chromium-51	0.00E+00	5.08E-04
Cesium-134	0.00E+00	1.05E-03
Cesium-137	0.00E+00	4.77E-03
Cesium-138	0.00E+00	3.82E-06
Iron-55	0.00E+00	5.70E-03
Iron-59	0.00E+00	1.34E-05
Iodine-131	0.00E+00	1.77E-04
Indium-113M	0.00E+00	1.93E-04
Lanthenum-140	0.00E+00	1.41E-04
Manganese-54	0.00E+00	1.29E-03
Niobium-95	0.00E+00	5.17E-03
Praseodymium-144	0.00E+00	1.31E-04
Rubidium-88	0.00E+00	1.55E-05
Antimony-124	0.00E+00	2.47E-04
Antimony-125	0.00E+00	4.66E-02
Tin-113	0.00E+00	1.93E-04
Strontium-90	0.00E+00	1.45E-05
Yttrium-90	0.00E+00	1.45E-05
Zinc-65	0.00E+00	2.62E-05
Zirconium-95	0.00E+00	2.85E-03
Total for Period:	0.00E+00	9.25E-02
Dissolved & Entrained Gases		
Xenon-131M	0.00E+00	1.43E-02
Xenon-133	0.00E+00	3.13E-01
Xenon-133M	0.00E+00	3.17E-04
Xenon-135	0.00E+00	1.67E-05
Total for Period:	0.00E+00	3.27E-01
Other, Tritium and Alpha		
Tritium	1.14E-01	5.59E+01
Alpha	0.00E+00	5.02E-04

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 2B
 EFFLUENT AND WASTE DISPOSAL REPORT
 LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
 FOURTH QUARTER, 1995

<u>Nuclides(Ci)</u>	<u>Continuous</u>	<u>Batch</u>
Fission & Activation Products		
Silver-110M	0.00E+00	8.72E-04
Beryllium-7	0.00E+00	2.90E-05
Cobalt-57	0.00E+00	6.48E-05
Cobalt-58	0.00E+00	4.08E-03
Cobalt-60	0.00E+00	3.75E-03
Cesium-134	0.00E+00	1.48E-03
Cesium-137	0.00E+00	1.00E-02
Iron-55	0.00E+00	8.28E-04
Iodine-131	0.00E+00	6.32E-04
Indium-113M	0.00E+00	3.93E-05
Lanthanum-140	0.00E+00	3.35E-05
Manganese-54	0.00E+00	4.19E-04
Niobium-95	0.00E+00	9.15E-04
Antimony-124	0.00E+00	3.73E-06
Antimony-125	0.00E+00	4.24E-03
Tin-113	0.00E+00	3.93E-05
Strontium-89	0.00E+00	7.82E-06
Strontium-90	0.00E+00	1.01E-05
Yttrium-90	0.00E+00	1.01E-05
Zinc-65	0.00E+00	5.39E-06
Zirconium-95	0.00E+00	4.85E-04
Total for Period:	0.00E+00	2.79E-02
Dissolved & Entrained Gases		
Krypton-85	0.00E+00	5.53E-03
Xenon-131M	0.00E+00	1.03E-02
Xenon-133	0.00E+00	2.41E-01
Xenon-133M	0.00E+00	4.50E-04
Total for Period:	0.00E+00	2.57E-01
Other, Tritium and Alpha		
Tritium	5.32E-02	4.83E+01
Alpha	9.26E-04	6.13E-05

NOTE: Nuclides not displayed or reported as 0.00E+00 were determined to be below the Lower Limit of Detection (LLD) values.

TABLE 2C
EFFLUENT AND WASTE DISPOSAL REPORT
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
FIRST QUARTER, 1995

1. Number of Batch Releases: 50
2. Total Time Period for Batch Releases: 11439.0 minutes
3. Maximum Time Period for a Batch Release: 1471.0 minutes
4. Average Time Period for Batch Releases: 228.8 minutes
5. Minimum Time Period for a Batch Release: 100.0 minutes
6. Average Dilution Stream Flow During Periods
of Release of Effluent into the Missouri River: $5.274E+08$ mls/minute

TABLE 2C
EFFLUENT AND WASTE DISPOSAL REPORT
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
SECOND QUARTER, 1995

1. Number of Batch Releases: 57
2. Total Time Period for Batch Releases: 8268.0 minutes
3. Maximum Time Period for a Batch Release: 375.0 minutes
4. Average Time Period for Batch Releases: 145.1 minutes
5. Minimum Time Period for a Batch Release: 45.0 minutes
6. Average Dilution Stream Flow During Periods
of Release of Effluent into the Missouri River: 1.110E+09 mls/minute

TABLE 2C
EFFLUENT AND WASTE DISPOSAL REPORT
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
THIRD QUARTER, 1995

1. Number of Batch Releases: 33
2. Total Time Period for Batch Releases: 3904.0 minutes
3. Maximum Time Period for a Batch Release: 152.0 minutes
4. Average Time Period for Batch Releases: 118.3 minutes
5. Minimum Time Period for a Batch Release: 94.0 minutes
6. Average Dilution Stream Flow During Periods
of Release of Effluent into the Missouri River: 1.272E+09 mls/minute

TABLE 2C
EFFLUENT AND WASTE DISPOSAL REPORT
LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES
FOURTH QUARTER, 1995

1. Number of Batch Releases: 22
2. Total Time Period for Batch Releases: 2518.0 minutes
3. Maximum Time Period for a Batch Release: 136.0 minutes
4. Average Time Period for Batch Releases: 114.5 minutes
5. Minimum Time Period for a Batch Release: 94.0 minutes
6. Average Dilution Stream Flow During Periods
of Release of Effluent into the Missouri River: 1.153E+09 mls/minute

SECTION V
RADIOACTIVE EFFLUENT RELEASES - SOLID RADIOACTIVE WASTE

Technical Specifications 5.9.4.a, 5.17.d and 5.18.d

January 1, 1995 - December 31, 1995



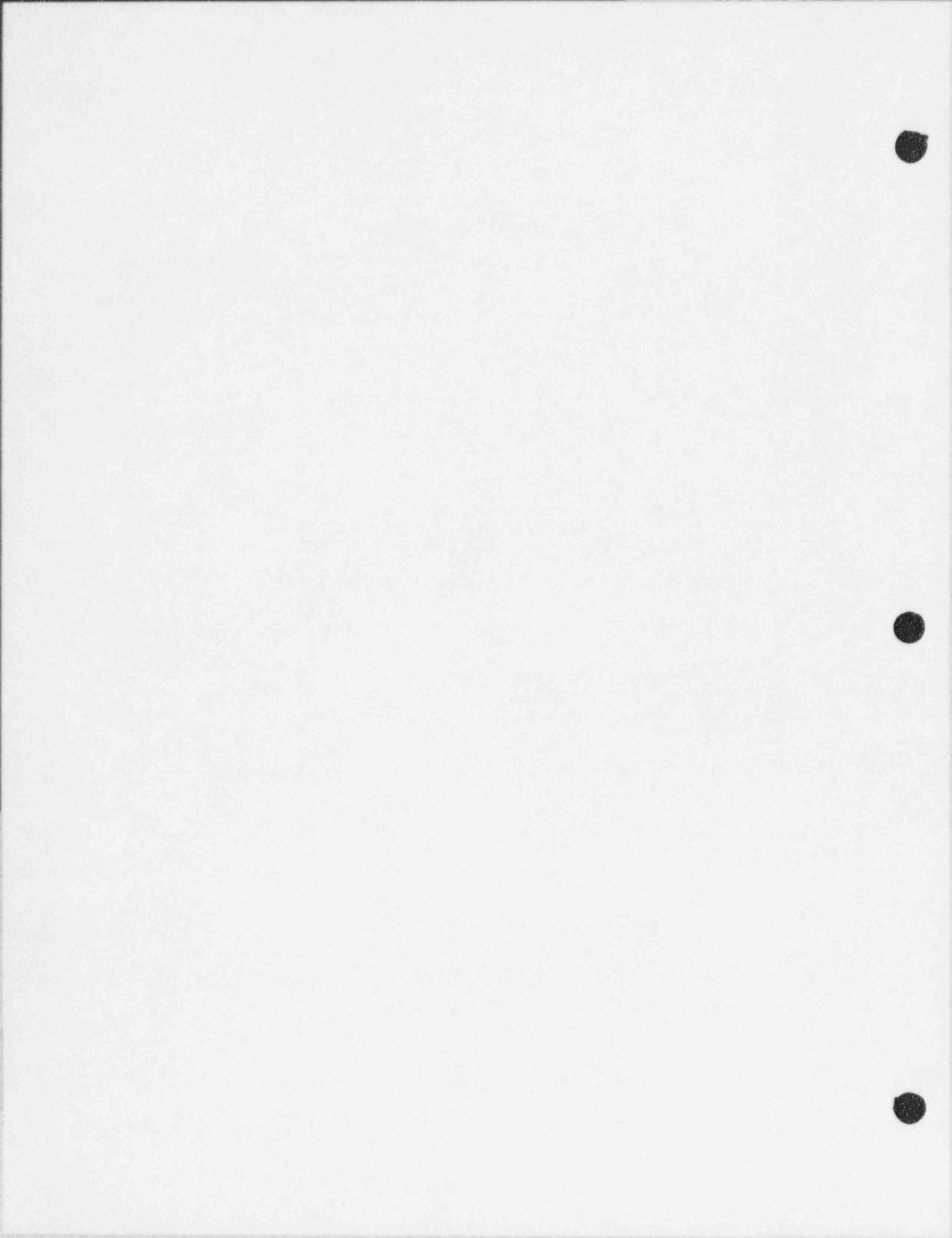
III. RADIOACTIVE EFFLUENT RELEASES-SOLID RADIOACTIVE
WASTE EFFLUENT AND WASTE DISPOSAL REPORT

January 1, 1995 through December 31, 1995

SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (NOT IRRADIATED)

1. Type of Waste	Month Shipped	Number of Shipments	Volume Cu.Meter	Curie Content	Est.Total % Error
a. Spent resins, filter sludges, evaporator bottoms, etc.	January	0	0	0	N/A
	February	0	0	0	N/A
	March	0	0	0	N/A
	April	0	0	0	N/A
	May	0	0	0	N/A
	June	0	0	0	N/A
	July	0	0	0	N/A
	August	0	0	0	N/A
	September	0	0	0	N/A
	October	0	0	0	N/A
	November	0	0	0	N/A
	December	0	0	0	N/A
Total	(Type a)	0	0	0	N/A
b. Dry compressable, contaminated equipment, etc.	January	0	0.00	0.000	N/A
	February	0	0.00	0.000	N/A
	March	0	0.00	0.000	N/A
	April	0	0.00	0.000	N/A
	May	0	0.00	0.000	N/A
	June	0	0.00	0.000	N/A
	July	0	0.00	0.000	N/A
	August	4	4.31	0.138	20
	September	6	3.22	0.637	20
	October	1	0.01	0.011	20
	November	5	2.26	0.787	20
	December	4	2.94	0.252	20
Total	(Type b)	20	12.75	1.826	20



c. Irradiated components and other categories	January	0	0	0	N/A
	February	0	0	0	N/A
	March	0	0	0	N/A
	April	0	0	0	N/A
	May	0	0	0	N/A
	June	0	0	0	N/A
	July	0	0	0	N/A
	August	0	0	0	N/A
	September	0	0	0	N/A
	October	0	0	0	N/A
	November	0	0	0	N/A
	December	0	0	0	N/A

Total	(Type c)	0	0	0	N/A
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d. Other	January	0	0	0	N/A
	February	0	0	0	N/A
	March	0	0	0	N/A
	April	0	0	0	N/A
	May	0	0	0	N/A
	June	0	0	0	N/A
	July	0	0	0	N/A
	August	0	0	0	N/A
	September	0	0	0	N/A
	October	0	0	0	N/A
	November	0	0	0	N/A
	December	0	0	0	N/A

Total	(Type d)	0	0	0	N/A
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III. RADIOACTIVE EFFLUENT RELEASES-SOLID RADIOACTIVE
WASTE EFFLUENT AND WASTE DISPOSAL REPORT
(Continued)

B. ESTIMATE OF MAJOR NUCLIDE COMPOSITION (By Type of Waste)

1. Percentage of Curies from Represented Isotopes

	Isotope	Percent	Curies	
a.	N/A	N/A	N/A	
b.	Cs-137	49.1%	0.896	All other nuclides constitute less than 1%
	Fe-55	22.6%	0.412	
	Ni-63	12.2%	0.223	
	Co-60	9.1%	0.166	
	Cs-134	2.8%	0.052	
	Co-58	1.6%	0.029	
	Mn-54	1.0%	0.019	
c.	N/A	N/A	N/A	
d.	N/A	N/A	N/A	

C. SOLID WASTE (DISPOSITION)

Number of Shipments	Transportation Mode	Destination
20	Closed Sole Use Vehicle	Barnwell, S.C.

D. IRRADIATED FUEL SHIPMENTS (DISPOSITION)

Number of Shipments	Transportation Mode	Destination
N/A	N/A	N/A

RADIOACTIVE EFFLUENT RELEASES - SOLID RADIOACTIVE
WASTE EFFLUENT AND WASTE DISPOSAL REPORT
(Continued)

- E. ODCM and PCP Revisions for the period January 1, 1995 - December 31, 1995
In accordance with Technical Specifications 5.17.d and 5.18.d, the radioactive effluent release report shall include any revisions to the Offsite Dose Calculation Manual (ODCM) and the Process Control Program (PCP).

Two revisions were made to the Offsite Dose Calculation Manual (ODCM).

No revisions were made to the Process Control Program (PCP).

SECTION VI

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND
SPEED BY STABILITY CLASS AND METEOROLOGICAL DATA
PER BATCH RELEASE

(Regulatory Guide 1.21)

January 1, 1995 - December 31, 1995

JOINT FREQUENCY DISTRIBUTION WIND DIRECTION VS. WIND SPEED
BY STABILITY CLASS AND METEOROLOGY DATA PER BATCH RELEASE

Meteorological Data Recovery

Data recovery from the on-site weather tower for the period January through December 1995 was less than the previous twelve months. The regulatory recovery guide was met with a cumulative recovery rate of 64.69% from the meteorological tower with the remaining 35.31% provided by the National Weather Service. The following table is a summary of the parameters and their respective recovery rates for the period:

Hourly meteorological data used to replace missing tower data for the month of January 1995 through December 1995, originated from Eppley Airfield Weather Station, a branch of the National Weather Service. The hourly data was treated in accordance with monthly correction factors and a proceduralized Pasquill-Turner transformation which utilizes solar angle, time of day, cloud cover, and wind speed to determine the Pasquill Class.

The tabulations of the Weather Tower Data for January 1, 1995, through December 31, 1995, look appropriate for the season as indicated. The Pasquill Classes observed for the twelve month period are detailed below.

Pasquill								
Class	A	B	C	D	E	F	G	Total
% Obs.	<u>15.7</u>	<u>5.1</u>	<u>7.0</u>	<u>40.2</u>	<u>16.7</u>	<u>9.8</u>	<u>5.5</u>	= <u>100.0</u>

The data, when corrected and/or supplemented by synthetic data derived from NWS brought the recovery rate up above that required for maintaining adequate recovery as specified by the Nuclear Regulatory Commission. Recovery of synthetic and actual data requires a minimum recovery rate of 90 percent for the period.

On the basis of the data and its cross-checks, the weather data as amended is completely valid for use in tabulating reactor vent releases.

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Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
EXTREMELY UNSTABLE ($\Delta T / \Delta z < -1.9$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL A
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- Direct	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	2	1	1	0	0	0	4
NNE	3	2	0	0	0	0	5
NE	6	20	3	0	0	0	29
ENE	16	32	3	0	0	0	51
E	19	47	20	2	0	0	88
ESE	13	31	15	1	0	0	60
SE	13	39	41	19	3	0	115
SSE	9	34	43	33	6	0	125
S	10	36	82	36	8	0	172
SSW	11	35	44	24	3	0	117
SW	19	35	20	0	0	0	74
WSW	17	35	8	1	0	0	61
W	19	34	8	0	0	0	61
WNW	17	51	32	0	0	0	100
NW	9	86	75	7	0	0	177
NNW	4	38	68	22	0	0	132
Total	187	556	463	145	20	0	1371

Number of Calms 0
Number of Invalid Hours 0
Number of Valid Hours 1371

Omaha Public Power District
 Fort Calhoun Nuclear Station
 JOINT FREQUENCY DISTRIBUTION
 MODERATELY UNSTABLE ($-1.9 \leq \Delta T / \Delta z \leq -1.7$)
 PERIOD OF RECORD: January 1995 - December 1995
 PASQUILL B
 WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- Direct	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	19	10	0	0	0	0	34
NNE	7	5	0	0	0	0	14
NE	3	3	0	0	0	0	6
ENE	7	6	0	0	0	0	14
E	19	15	4	0	0	0	41
ESE	12	8	8	2	0	0	31
SE	16	9	6	2	0	0	36
SSE	6	18	12	6	0	0	42
S	6	8	16	3	2	0	35
SSW	7	3	0	4	0	0	14
SW	4	4	1	0	0	0	11
WSW	5	7	0	0	0	0	12
W	8	4	1	0	0	0	13
WNW	4	16	3	1	0	0	24
NW	9	17	13	2	0	0	41
NNW	25	27	21	4	0	0	77
Total	157	160	85	24	2	0	428

Number of Calms 17
 Number of Invalid Hours 0
 Number of Valid Hours 445

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
SLIGHTLY UNSTABLE ($-1.7 < \Delta T / \Delta z \leq -1.5$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL C
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- 3.9	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	15	24	0	0	0	0	47
NNE	4	4	0	0	0	0	9
NE	5	7	0	0	0	0	12
ENE	11	9	0	0	0	0	20
E	8	21	2	1	0	0	33
ESE	4	19	1	0	0	0	24
SE	14	41	25	3	0	0	85
SSE	7	40	20	6	2	0	76
S	9	26	21	4	0	0	60
SSW	5	7	0	3	0	0	15
SW	5	8	2	0	0	0	15
WSW	6	6	2	1	0	0	15
W	6	11	4	0	0	0	21
WNW	7	14	3	1	0	0	25
NW	14	43	19	1	0	0	78
NNW	14	37	33	5	0	0	89
Total	134	317	132	25	2	0	610

Number of Calms 14
Number of Invalid Hours 0
Number of Valid Hours 624

Omaha Public Power District
 Fort Calhoun Nuclear Station
 JOINT FREQUENCY DISTRIBUTION
 NEUTRAL (-1.5 < delta T/ delta z <= -0.5)
 PERIOD OF RECORD: January 1995 - December 1995
 PASQUILL D
 WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- Direct	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	51	223	115	28	1	0	434
NNE	25	57	26	0	0	0	111
NE	23	61	29	0	0	0	114
ENE	17	45	24	4	0	0	93
E	27	95	18	4	0	0	145
ESE	30	98	30	8	0	0	167
SE	38	247	119	58	2	0	465
SSE	30	127	151	61	8	0	378
S	34	76	130	36	5	0	281
SSW	23	28	27	15	1	0	94
SW	23	37	27	10	2	0	99
WSW	15	24	7	5	2	0	53
W	31	38	33	19	3	0	124
WNW	25	51	43	13	1	0	134
NW	45	183	105	26	1	0	362
NNW	44	249	145	25	2	0	465
Total	481	1639	1029	312	28	0	3489

Number of Calms 30
 Number of Invalid Hours 0
 Number of Valid Hours 3519

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
SLIGHTLY STABLE ($-0.5 < \Delta T / \Delta z \leq 1.5$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL E
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- Direct	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	40	25	0	0	0	0	67
NNE	3	5	0	0	0	0	8
NE	7	5	0	0	0	0	12
ENE	16	8	0	0	0	0	26
E	26	6	0	0	0	0	33
ESE	47	42	4	0	0	0	93
SE	63	132	41	10	0	0	250
SSE	38	116	71	12	0	0	238
S	31	45	67	17	0	0	162
SSW	18	20	46	18	1	0	104
SW	19	7	5	2	0	0	34
WSW	18	9	9	0	0	0	36
W	25	22	4	1	0	0	53
WNW	49	77	9	0	0	0	135
NW	59	77	14	1	0	0	151
NNW	17	46	2	0	0	0	65
Total	476	642	272	61	1	0	1452

Number of Calms 15
Number of Invalid Hours 0
Number of Valid Hours 1467

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
MODERATELY STABLE ($1.5 < \Delta T / \Delta z \leq 4.0$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL F
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- Direct	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	34	6	0	0	0	0	114
NNE	6	0	0	0	0	0	8
NE	6	0	0	0	0	0	8
ENE	4	0	0	0	0	0	7
E	26	4	0	0	0	0	34
ESE	38	20	3	0	0	0	68
SE	57	89	10	0	0	0	167
SSE	30	33	8	0	0	0	77
S	23	19	14	4	0	0	64
SSW	28	2	5	9	0	0	45
SW	15	0	1	1	1	0	19
WSW	18	3	1	1	0	0	24
W	37	1	1	0	0	0	40
WNW	55	24	1	0	0	0	81
NW	46	14	0	0	0	0	62
NNW	26	8	0	0	0	0	37
Total	449	223	44	15	1	0	732

Number of Calms 123
Number of Invalid Hours 0
Number of Valid Hours 855

Omaha Public Power District
 Fort Calhoun Nuclear Station
 JOINT FREQUENCY DISTRIBUTION
 EXTREMELY STABLE ($\Delta T / \Delta z > 4.0$)
 PERIOD OF RECORD: January 1995 - December 1995
 PASQUILL G
 WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0- Direct	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	3	0	0	0	0	0	10
NNE	1	0	0	0	0	0	1
NE	1	0	0	0	0	0	1
ENE	0	0	0	0	0	0	1
E	11	1	0	0	0	0	13
ESE	39	20	2	0	0	0	62
SE	41	44	7	0	0	0	96
SSE	31	5	1	0	0	0	42
S	25	5	4	0	0	0	37
SSW	27	3	4	0	0	0	38
SW	18	1	3	1	0	0	27
WSW	32	0	0	0	0	0	35
W	35	1	0	0	0	0	37
WNW	53	2	0	0	0	0	56
NW	15	8	0	0	0	0	23
NNW	0	0	0	0	0	0	0
Total	332	90	21	1	0	0	444

Number of Calms 35
 Number of Invalid Hours 0
 Number of Valid Hours 479
 Hours Accounted For: 8760

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
EXTREMELY UNSTABLE ($\Delta T / \Delta z < -1.9$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL A
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0-	4.0-	8.0-	13.0-	19.0-	+24.0	Total
Direct	3.9	7.9	12.9	18.9	24.0		
N	0.02	0.01	0.01	0.00	0.00	0.00	0.05
NNE	0.03	0.02	0.00	0.00	0.00	0.00	0.06
NE	0.07	0.23	0.03	0.00	0.00	0.00	0.33
ENE	0.18	0.37	0.03	0.00	0.00	0.00	0.58
E	0.22	0.54	0.23	0.02	0.00	0.00	1.00
ESE	0.15	0.35	0.17	0.01	0.00	0.00	0.68
SE	0.15	0.45	0.47	0.22	0.03	0.00	1.31
SSE	0.10	0.39	0.49	0.38	0.07	0.00	1.43
S	0.11	0.41	0.94	0.41	0.09	0.00	1.96
SSW	0.13	0.40	0.50	0.27	0.03	0.00	1.34
SW	0.22	0.40	0.23	0.00	0.00	0.00	0.84
WSW	0.19	0.40	0.09	0.01	0.00	0.00	0.70
W	0.22	0.39	0.09	0.00	0.00	0.00	0.70
WNW	0.19	0.58	0.37	0.00	0.00	0.00	1.14
NW	0.10	0.98	0.86	0.08	0.00	0.00	2.02
NNW	0.05	0.43	0.78	0.25	0.00	0.00	1.51
Total	2.13	6.35	5.29	1.66	0.23	0.00	15.65

Percent of Calms 0.00
Percent of Invalid Hours 0.00
Percent of Valid Hours 15.65

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
MODERATELY UNSTABLE (-1.9 <= delta T/ delta z <= -1.7)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL B
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0-	4.0-	8.0-	13.0-	19.0-		Total
Direct	3.9	7.9	12.9	18.9	24.0	+24.0	
N	0.22	0.11	0.00	0.00	0.00	0.00	0.39
NNE	0.08	0.06	0.00	0.00	0.00	0.00	0.16
NE	0.03	0.03	0.00	0.00	0.00	0.00	0.07
ENE	0.08	0.07	0.00	0.00	0.00	0.00	0.16
E	0.22	0.17	0.05	0.00	0.00	0.00	0.47
ESE	0.14	0.09	0.09	0.02	0.00	0.00	0.35
SE	0.18	0.10	0.07	0.02	0.00	0.00	0.41
SSE	0.07	0.21	0.14	0.07	0.00	0.00	0.48
S	0.07	0.09	0.18	0.03	0.02	0.00	0.40
SSW	0.08	0.03	0.00	0.05	0.00	0.00	0.16
SW	0.05	0.05	0.01	0.00	0.00	0.00	0.13
WSW	0.06	0.08	0.00	0.00	0.00	0.00	0.14
W	0.09	0.05	0.01	0.00	0.00	0.00	0.15
WNW	0.05	0.18	0.03	0.01	0.00	0.00	0.27
NW	0.10	0.19	0.15	0.02	0.00	0.00	0.47
NNW	0.29	0.31	0.24	0.05	0.00	0.00	0.88
Total	1.79	1.83	0.97	0.27	0.02	0.00	4.89

Percent of Calms 0.19
Percent of Invalid Hours 0.00
Percent of Valid Hours 5.08

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
SLIGHTLY UNSTABLE ($-1.7 < \Delta T / \Delta z \leq -1.5$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL C
WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0-	4.0-	8.0-	13.0-	19.0-	+24.0	Total
Direct	3.9	7.9	12.9	18.9	24.0		
N	0.17	0.27	0.00	0.00	0.00	0.00	0.54
NNE	0.05	0.05	0.00	0.00	0.00	0.00	0.10
NE	0.06	0.08	0.00	0.00	0.00	0.00	0.14
ENE	0.13	0.10	0.00	0.00	0.00	0.00	0.23
E	0.09	0.24	0.02	0.01	0.00	0.00	0.38
ESE	0.05	0.22	0.01	0.00	0.00	0.00	0.27
SE	0.16	0.47	0.29	0.03	0.00	0.00	0.97
SSE	0.08	0.46	0.23	0.07	0.02	0.00	0.87
S	0.10	0.30	0.24	0.05	0.00	0.00	0.68
SSW	0.06	0.08	0.00	0.03	0.00	0.00	0.17
SW	0.06	0.09	0.02	0.00	0.00	0.00	0.17
WSW	0.07	0.07	0.02	0.01	0.00	0.00	0.17
W	0.07	0.13	0.05	0.00	0.00	0.00	0.24
WNW	0.08	0.16	0.03	0.01	0.00	0.00	0.29
NW	0.16	0.49	0.22	0.01	0.00	0.00	0.89
NNW	0.16	0.42	0.38	0.06	0.00	0.00	1.02
Total	1.53	3.62	1.51	0.29	0.02	0.00	6.96

Percent of Calms 0.16
Percent of Invalid Hours 0.00
Percent of Valid Hours 7.12

Omaha Public Power District
 Fort Calhoun Nuclear Station
 JOINT FREQUENCY DISTRIBUTION
 NEUTRAL (-1.5 < delta T/ delta z <= -0.5)
 PERIOD OF RECORD: January 1995 - December 1995
 PASQUILL D

WIND SPEED (mph) AT 10-m LEVEL

Wind	1.0-	4.0-	8.0-	13.0-	19.0-	+24.0	Total
Direct	3.9	7.9	12.9	18.9	24.0		
N	0.58	2.55	1.31	0.32	0.01	0.00	4.95
NNE	0.29	0.65	0.30	0.00	0.00	0.00	1.27
NE	0.26	0.70	0.33	0.00	0.00	0.00	1.30
ENE	0.19	0.51	0.27	0.05	0.00	0.00	1.06
E	0.31	1.08	0.21	0.05	0.00	0.00	1.66
ESE	0.34	1.12	0.34	0.09	0.00	0.00	1.91
SE	0.43	2.82	1.36	0.66	0.02	0.00	5.31
SSE	0.34	1.45	1.72	0.70	0.09	0.00	4.32
S	0.39	0.87	1.48	0.41	0.06	0.00	3.21
SSW	0.26	0.32	0.31	0.17	0.01	0.00	1.07
SW	0.26	0.42	0.31	0.11	0.02	0.00	1.13
WSW	0.17	0.27	0.08	0.06	0.02	0.00	0.61
W	0.35	0.43	0.38	0.22	0.03	0.00	1.42
WNW	0.29	0.58	0.49	0.15	0.01	0.00	1.53
NW	0.51	2.09	1.20	0.30	0.01	0.00	4.13
NNW	0.50	2.84	1.66	0.29	0.02	0.00	5.31
Total	5.49	18.71	11.75	3.56	0.32	0.00	39.83

Percent of Calms 0.34
 Percent of Invalid Hours 0.00
 Percent of Valid Hours 40.17

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
SLIGHTLY STABLE ($-0.5 < \Delta T / \Delta z \leq 1.5$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL E
WIND SPEED (mph) AT 10-m LEVEL

Wind Direct	1.0- 3.9	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	0.46	0.29	0.00	0.00	0.00	0.00	0.76
NNE	0.03	0.06	0.00	0.00	0.00	0.00	0.09
NE	0.08	0.06	0.00	0.00	0.00	0.00	0.14
ENE	0.18	0.09	0.00	0.00	0.00	0.00	0.30
E	0.30	0.07	0.00	0.00	0.00	0.00	0.38
ESE	0.54	0.48	0.05	0.00	0.00	0.00	1.06
SE	0.72	1.51	0.47	0.11	0.00	0.00	2.85
SSE	0.43	1.32	0.81	0.14	0.00	0.00	2.72
S	0.35	0.51	0.76	0.19	0.00	0.00	1.85
SSW	0.21	0.23	0.53	0.21	0.01	0.00	1.19
SW	0.22	0.08	0.06	0.02	0.00	0.00	0.39
WSW	0.21	0.10	0.10	0.00	0.00	0.00	0.41
W	0.29	0.25	0.05	0.01	0.00	0.00	0.61
WNW	0.56	0.88	0.10	0.00	0.00	0.00	1.54
NW	0.67	0.88	0.16	0.01	0.00	0.00	1.72
NNW	0.19	0.53	0.02	0.00	0.00	0.00	0.74
Total	5.43	7.33	3.11	0.70	0.01	0.00	16.58

Percent of Calms 0.17
Percent of Invalid Hours 0.00
Percent of Valid Hours 16.75

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
MODERATELY STABLE (1.5 < delta T/ delta z <= 4.0)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL F
WIND SPEED (mph) AT 10-m LEVEL

Wind Direct	1.0- 3.9	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	0.39	0.07	0.00	0.00	0.00	0.00	1.30
NNE	0.07	0.00	0.00	0.00	0.00	0.00	0.09
NE	0.07	0.00	0.00	0.00	0.00	0.00	0.09
ENE	0.05	0.00	0.00	0.00	0.00	0.00	0.08
E	0.30	0.05	0.00	0.00	0.00	0.00	0.39
ESE	0.43	0.23	0.03	0.00	0.00	0.00	0.78
SE	0.65	1.02	0.11	0.00	0.00	0.00	1.91
SSE	0.34	0.38	0.09	0.00	0.00	0.00	0.88
S	0.26	0.22	0.16	0.05	0.00	0.00	0.73
SSW	0.32	0.02	0.06	0.10	0.00	0.00	0.51
SW	0.17	0.00	0.01	0.01	0.01	0.00	0.22
WSW	0.21	0.03	0.01	0.01	0.00	0.00	0.27
W	0.42	0.01	0.01	0.00	0.00	0.00	0.46
WNW	0.63	0.27	0.01	0.00	0.00	0.00	0.92
NW	0.53	0.16	0.00	0.00	0.00	0.00	0.71
NNW	0.30	0.09	0.00	0.00	0.00	0.00	0.42
Total	5.13	2.55	0.50	0.17	0.01	0.00	8.36

Percent of Calms 1.40
Percent of Invalid Hours 0.00
Percent of Valid Hours 9.76

Omaha Public Power District
Fort Calhoun Nuclear Station
JOINT FREQUENCY DISTRIBUTION
EXTREMELY STABLE ($\Delta T / \Delta z > 4.0$)
PERIOD OF RECORD: January 1995 - December 1995
PASQUILL G
WIND SPEED (mph) AT 10-m LEVEL

Wind Direct	1.0- 3.9	4.0- 7.9	8.0- 12.9	13.0- 18.9	19.0- 24.0	+24.0	Total
N	0.03	0.00	0.00	0.00	0.00	0.00	0.11
NNE	0.01	0.00	0.00	0.00	0.00	0.00	0.01
NE	0.01	0.00	0.00	0.00	0.00	0.00	0.01
ENE	0.00	0.00	0.00	0.00	0.00	0.00	0.01
E	0.13	0.01	0.00	0.00	0.00	0.00	0.15
ESE	0.45	0.23	0.02	0.00	0.00	0.00	0.71
SE	0.47	0.50	0.08	0.00	0.00	0.00	1.10
SSE	0.35	0.06	0.01	0.00	0.00	0.00	0.48
S	0.29	0.06	0.05	0.00	0.00	0.00	0.42
SSW	0.31	0.03	0.05	0.00	0.00	0.00	0.43
SW	0.21	0.01	0.03	0.01	0.00	0.00	0.31
WSW	0.37	0.00	0.00	0.00	0.00	0.00	0.40
W	0.40	0.01	0.00	0.00	0.00	0.00	0.42
WNW	0.61	0.02	0.00	0.00	0.00	0.00	0.64
NW	0.17	0.09	0.00	0.00	0.00	0.00	0.26
NNW	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.79	1.03	0.24	0.01	0.00	0.00	5.07

Percent of Calms 0.40
Percent of Invalid Hours 0.00
Percent of Valid Hours 5.47
Percent of Hours Accounted For: 100.00

RELEASE NUMBER 95001

CONTAINMENT PURGE

STARTING TIME 1/ 5/95

HOUR 18 MINUTE 8

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
18	12.3	171.5	-1.1
19	10.6	169.5	-1.1
20	9.6	162.0	-1.1
21	8.1	169.6	-0.9
22	7.4	171.2	-1.0
23	7.3	166.1	-0.9
24	8.3	166.0	-0.9
1	8.9	168.0	-0.9
2	8.0	168.6	-0.8
3	7.6	170.4	-1.0
4	7.3	175.4	-0.8
5	8.1	177.0	-0.8
6	6.5	184.1	-1.0
7	4.5	185.0	-0.9
8	1.1	177.7	-0.8
9	1.6	273.6	-1.1
10	11.2	352.2	-1.1
11	10.8	324.8	-1.2
12	11.0	326.7	-1.2
13	9.5	326.4	-1.3
14	10.7	331.7	-1.3
15	11.0	329.2	-1.2
16	10.5	331.4	-1.3
17	12.1	332.8	-1.2
18	10.5	327.3	-1.1
19	12.0	325.2	-0.7
20	9.7	326.2	-0.7
21	9.4	324.1	-0.6
22	9.9	313.7	-0.6
23	9.3	314.7	-0.5
24	10.7	315.3	-0.5
1	6.8	310.5	-0.4
2	5.1	308.3	-0.3
3	5.3	299.6	-0.2
4	5.0	283.1	0.2
5	5.3	298.0	0.8
6	5.5	282.9	1.2
7	2.8	213.8	2.2
8	2.4	211.8	2.7
9	3.2	251.9	1.6
10	3.1	218.8	-0.8
11	5.7	189.6	-1.1
12	7.2	193.6	-1.2
13	9.4	184.2	-1.3
14	8.6	168.3	-1.4
15	8.9	181.3	-1.4
16	7.3	176.9	-1.3
17	6.4	163.2	-0.9
18	4.5	154.3	-0.6
19	4.2	147.5	-0.3

20	4.4	135.6	0.2
21	4.0	183.0	0.1
22	4.1	185.4	-0.1
23	3.1	239.9	1.3
24	2.4	350.0	2.7
1	1.9	319.9	3.3
2	2.9	300.3	3.1
3	4.3	314.0	0.5
4	4.2	346.6	-0.8
5	5.0	348.9	-1.1
6	3.9	354.1	-0.8
7	3.2	1.0	-0.9
8	3.7	6.4	-1.2
9	3.6	24.0	-1.2
10	3.7	29.0	-1.4
11	3.7	36.0	-1.5
12	3.9	31.0	-1.5
13	3.2	19.0	-1.5
14	4.1	13.0	-1.3
15	3.4	27.0	-1.4
16	3.2	57.0	-1.4
17	2.5	36.0	-1.1
18	2.3	147.7	-0.2
19	1.4	135.7	0.1
20	0.8	164.6	1.2
21	1.6	124.1	1.7
22	1.8	134.5	2.2
23	2.4	128.7	3.1
24	2.7	116.5	3.8
1	2.3	113.3	2.8
2	3.2	103.5	1.9
3	2.5	117.0	1.7
4	4.8	116.4	2.2
5	4.2	117.0	1.7
6	4.4	121.1	1.6
7	3.7	115.9	1.4
STOPPING TIME			1/ 9/95
			HOUR 6 MINUTE 9

RELEASE NUMBER 95002

CONTAINMENT PURGE

STARTING TIME 1/12/95

HOUR 13 MINUTE 5

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	6.2	295.5	-1.8
14	5.1	319.0	-1.6
15	4.9	341.2	-1.1
16	5.2	328.6	-0.9
17	4.6	329.5	-0.6
18	4.6	328.8	-0.7
19	4.8	303.1	-0.2
20	5.8	285.8	-0.3
21	4.8	295.4	-0.2
22	5.2	311.4	-0.5
23	4.5	325.7	-0.7
24	4.4	326.2	-0.8
1	5.0	334.8	-0.8
2	4.5	313.4	-0.9
3	5.9	320.5	-0.8
4	6.1	326.7	-1.1
5	6.2	332.0	-1.2
6	4.5	328.7	-1.1
7	5.3	339.9	-1.1
8	5.2	335.1	-1.0
9	4.4	345.5	-1.1
10	4.5	356.5	-1.1
11	4.4	355.0	-1.3
12	4.3	353.0	-1.4
13	3.4	352.0	-1.3
14	4.0	351.5	-1.3
15	4.5	337.0	-1.3
16	5.5	332.2	-1.2
17	5.2	342.5	-1.0
18	4.6	352.4	-1.1
19	5.0	354.2	-1.0
20	4.2	355.1	-1.0
21	5.7	351.8	-0.9
22	5.7	347.3	-0.9
23	4.8	343.8	-0.8
24	5.0	350.4	-1.0
1	5.3	358.2	-0.8
2	5.6	344.9	-0.9
3	5.4	354.1	-0.9
4	5.3	342.8	-1.1
5	5.2	337.4	-1.3
6	5.4	341.8	-1.2
7	5.5	351.8	-1.1
8	4.5	347.0	-1.1
9	4.1	349.1	-1.0
10	4.8	350.0	-1.0
11	4.5	352.3	-1.2
12	4.3	331.8	-0.9
13	3.8	321.7	-0.9

STOPPING TIME 1/14/95 HOUR 12 MINUTE 11

STARTING TIME 1/14/95 HOUR 12 MINUTE 40

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
12	4.3	331.8	-0.9
13	3.8	321.7	-0.9
14	4.1	317.7	-1.0
15	3.3	335.0	-1.1
16	2.3	329.3	-1.1
17	2.0	339.0	-1.1
18	1.9	349.0	-1.1
19	3.3	358.6	-1.2
20	3.8	139.5	-1.1
21	3.1	169.0	-1.0
22	4.4	124.5	-0.9
23	4.1	142.0	-0.9
24	4.0	148.4	-0.9
1	4.6	132.7	-0.9
2	4.4	136.3	-0.9
3	4.8	141.5	-0.8
4	4.7	137.0	-1.0
5	5.1	132.2	-0.9
6	5.4	140.2	-0.9
7	4.4	135.6	-1.0
8	4.4	133.6	-0.8
9	4.3	136.7	-0.9
10	3.8	129.6	-0.8
11	3.3	122.8	-0.7
12	4.3	127.8	-0.7
13	5.3	124.5	-0.6
14	7.5	122.9	-2.0
15	9.0	122.4	-2.5
16	8.9	125.5	-1.1
17	9.9	129.1	-0.7
18	8.3	137.0	-0.3
19	7.1	129.8	0.6
20	8.3	131.2	0.6
21	9.2	124.7	1.0
22	10.2	128.5	0.6
23	11.4	132.3	0.0
24	12.0	130.0	0.1
1	13.9	128.3	0.5
2	15.0	129.5	0.1
3	15.0	131.1	-0.4
4	14.0	129.7	-0.4
5	14.0	133.8	-0.5
6	15.7	136.4	-0.7
7	16.0	135.3	-0.7

RELEASE NUMBER 95003 CONTAINMENT PURGE
STARTING TIME 1/19/95 HOUR 17 MINUTE 18

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
17	4.8	329.0	-1.1
18	4.2	311.4	-0.5
19	4.2	304.8	-0.2
20	4.2	320.3	-0.3
21	4.5	336.1	-0.7
22	5.4	326.8	-0.9
23	5.4	324.9	-0.9
24	6.1	327.5	-1.2
1	6.4	336.6	-1.1
2	6.8	341.9	-0.9
3	7.1	335.2	-1.0
4	7.2	334.3	-1.0
5	6.8	336.3	-1.0
6	6.6	333.7	-1.2
7	5.8	337.4	-1.0
8	5.4	346.9	-1.0
9	6.5	355.3	-1.1
10	5.3	347.8	-1.3
11	5.4	337.3	-1.4
12	6.2	341.2	-1.7
13	6.8	336.0	-2.1
14	6.2	341.9	-2.1
15	6.8	335.1	-1.5
16	8.2	332.2	-1.6
17	9.1	328.1	-1.4
18	8.0	330.8	-1.2
19	8.9	332.5	-1.3
20	10.0	329.9	-1.3
21	8.1	323.5	-1.1
22	10.2	330.1	-1.2
23	7.8	325.5	-1.1
24	8.3	323.2	-1.1
1	9.7	326.5	-1.3
2	9.6	316.6	-1.1
STOPPING TIME	1/21/95		HOUR 1 MINUTE 4

STARTING TIME 1/21/95 HOUR 1 MINUTE 30

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
1	9.7	326.5	-1.3
2	9.6	316.6	-1.1
3	10.4	321.8	-1.1
4	10.5	322.5	-1.2
5	10.9	316.5	-1.2
6	9.9	307.5	-1.1
7	9.8	312.5	-1.1

8	9.1	313.4	-1.0
9	8.9	308.3	-1.1
10	11.1	319.6	-1.5
11	9.6	327.3	-1.4
12	9.1	319.8	-1.6
13	8.3	323.9	-1.8
14	7.9	312.8	-1.7
15	8.6	310.1	-1.6
16	8.6	310.9	-1.5
17	8.0	316.5	-1.5
18	8.8	312.3	-1.0
19	7.9	310.3	-0.9
20	7.1	316.9	-0.8
21	7.3	309.7	-0.8
22	6.3	306.7	-0.7
23	6.5	309.0	-0.7
24	7.3	293.1	-0.8
1	8.0	287.4	-0.5
2	8.3	287.3	-0.8
3	7.0	299.0	-1.1
4	9.9	302.2	-1.1
5	10.0	304.1	-1.0
6	11.5	315.3	-1.1
7	9.8	312.3	-1.0
8	10.3	303.9	-1.0
9	12.2	313.8	-1.3
10	13.9	319.2	-1.3
11	11.8	326.8	-1.5
12	11.7	332.4	-1.6
13	11.3	325.9	-1.8
14	10.2	323.5	-1.8
15	11.3	320.5	-1.7
16	11.3	322.9	-1.6
17	10.6	321.8	-1.3
18	8.9	325.3	-1.3
19	10.2	323.2	-1.0
20	13.0	317.3	-1.0
21	10.1	317.8	-0.7
22	9.5	317.5	-0.8
23	8.9	329.2	-1.0
24	9.1	322.3	-1.1
1	7.1	328.7	-1.1
2	6.7	319.2	-1.0
3	6.0	308.6	-1.1
4	5.3	314.7	-1.1
5	6.7	324.4	-1.1
6	7.4	323.0	-1.2
STOPPING TIME	1/23/95	HOUR	5 MINUTE 53

RELEASE NUMBER 95004

CONTAINMENT PURGE

STARTING TIME 1/26/95

HOUR 10 MINUTE 2

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
10	7.1	124.3	0.0
11	7.9	151.2	-1.0
12	9.1	173.0	-1.3
13	7.7	159.6	-1.4
14	6.6	134.3	-1.5
15	6.8	129.0	-1.4
16	7.1	132.7	-1.3
17	7.3	135.6	-0.6
18	5.5	126.2	0.1
19	5.5	128.4	0.8
20	6.5	123.7	0.6
21	7.3	125.8	0.2
22	6.4	125.0	0.1
23	6.9	127.2	-0.3
24	7.5	124.4	-0.8
1	9.0	121.0	-1.2
2	6.1	115.4	-1.0
3	3.9	113.9	-0.9
4	4.1	98.8	-0.9
5	4.0	103.2	-1.0
6	4.3	91.6	-0.8
7	4.8	95.6	-0.8
8	3.7	87.4	-0.8
9	3.3	73.8	-0.8
10	2.9	73.0	-0.8
11	4.6	72.0	-0.9
12	5.1	58.0	-1.1
13	5.0	67.0	-1.1
14	5.4	54.0	-1.1
15	5.5	35.0	-1.1
16	5.8	35.0	-0.9
17	5.3	44.0	-0.8
18	4.6	32.0	-0.9
19	4.5	15.0	-0.8
20	5.0	5.0	-0.7
21	4.8	6.0	-0.9
22	4.8	1.0	-0.7
23	5.1	29.0	-1.0
24	6.9	44.0	-1.1
1	7.4	38.0	-1.0
2	6.7	34.0	-1.0
3	6.6	34.0	-1.2
4	6.5	26.0	-1.3
5	6.5	16.0	-1.1
6	6.3	13.0	-1.0
7	6.4	2.0	-1.2
8	6.3	6.0	-1.2
9	6.3	7.0	-1.1
10	6.4	9.0	-1.2
11	6.3	9.0	-1.3

12	6.2	11.0	-1.5
13	6.4	3.0	-1.5
14	7.5	3.0	-1.5
15	6.7	4.0	-1.5
16	7.1	6.0	-1.6
17	7.2	1.6	-1.3
18	6.1	7.0	-1.3
19	5.5	3.0	-1.3
20	4.8	1.0	-1.0
21	5.0	355.6	-1.1
22	5.3	1.0	-1.2
23	4.7	350.8	-1.2
24	4.8	343.0	-1.3
1	4.8	339.7	-1.2
2	5.6	344.7	-1.1
3	6.4	335.7	-1.2
4	6.7	334.3	-1.3
5	7.1	327.8	-1.3
6	8.0	328.5	-1.3
7	8.1	325.5	-1.5
8	6.9	333.0	-1.4
9	7.6	326.7	-1.4
10	7.1	331.6	-1.4
11	7.3	326.9	-1.6
12	7.5	317.0	-1.5
13	6.3	311.9	-1.6
14	6.2	319.9	-1.7
15	6.3	318.9	-1.8
16	6.9	318.5	-1.6
17	6.9	321.9	-1.6
18	6.3	320.8	-1.3
19	5.7	325.6	-1.2
20	4.6	325.8	-1.0
21	4.5	326.1	-1.0
22	5.1	328.5	-1.1
23	5.3	334.6	-1.1
24	4.5	329.5	-0.9
1	4.3	323.2	-0.9
2	4.5	316.0	-1.0
STOPPING TIME		1/30/95	HOUR 1 MINUTE 6

STARTING TIME		1/30/95	HOUR 2 MINUTE 2
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
2	4.5	316.0	-1.0
3	4.7	308.3	-0.8
4	1.9	284.6	-1.1
5	1.7	278.8	-0.9
STOPPING TIME		1/30/95	HOUR 4 MINUTE 53

RELEASE NUMBER 95005

CONTAINMENT PURGE

STARTING TIME 2/ 2/95

HOUR 16 MINUTE 37

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	6.3	117.0	-1.1
17	5.3	102.0	-1.0
18	4.8	67.0	-0.9
19	4.6	22.0	-0.5
20	4.5	18.0	-0.5
21	5.3	353.1	-0.7
22	5.2	354.3	-0.7
23	4.5	346.7	-0.7
24	5.1	333.3	-0.8
1	5.3	337.2	-0.9
2	5.8	330.1	-1.0
3	7.2	336.3	-1.0
4	6.0	331.4	-1.1
5	5.8	328.1	-0.9
6	7.8	326.4	-0.8
7	7.4	328.7	-0.9
8	8.4	329.3	-0.8
9	9.5	329.7	-0.9
10	11.6	331.3	-0.9
11	12.4	331.0	-1.0
12	11.6	334.8	-1.2
13	13.0	335.1	-1.2
14	12.2	335.2	-1.2
15	15.0	333.9	-1.1
16	16.5	329.5	-1.3
17	14.4	331.5	-1.2
18	13.2	335.2	-1.2
19	11.8	330.0	-1.1
20	11.2	336.0	-1.2
21	13.1	332.7	-1.3
22	10.6	330.8	-1.2
23	9.2	325.0	-1.2
24	9.6	325.8	-1.2
1	7.4	324.0	-1.2
2	7.9	332.6	-1.2
3	5.9	330.7	-1.1
4	6.0	321.1	-1.2
5	5.8	313.3	-1.3
6	4.4	321.4	-1.3
7	3.4	323.0	-1.2
8	1.4	260.3	-1.3
9	2.2	167.3	-1.3
10	4.6	135.7	-1.3
11	3.8	121.0	-1.4
12	4.2	131.0	-1.4
13	5.3	124.7	-1.4
14	5.9	101.4	-1.4
15	3.7	120.7	-1.3
16	2.9	56.0	-1.3
17	3.5	19.0	-1.4

18	3.7	358.1	-1.3
19	6.6	4.0	-1.2
20	6.6	354.3	-1.4
21	6.9	351.4	-1.3
22	6.4	348.1	-1.3
23	7.1	350.1	-1.3
24	7.3	355.3	-1.2
1	6.8	350.5	-1.3
2	6.6	354.8	-1.3
3	6.3	1.0	-1.3
4	5.4	343.6	-1.1
5	5.0	349.5	-1.2
6	3.6	354.4	-1.2
7	2.7	15.0	-1.2
8	3.6	41.0	-1.3
9	3.8	71.0	-1.2
10	2.3	50.0	-1.4
11	1.9	60.0	-1.4
12	3.1	70.0	-1.4
13	4.7	27.7	-1.3
14	3.6	25.0	-1.5
15	3.2	22.0	-1.4
16	3.8	30.0	-1.2
17	4.6	27.3	-1.4
18	4.3	19.1	-1.2
19	2.9	17.5	-1.2
20	3.1	85.3	-1.2
21	2.8	72.2	-1.2
22	2.9	23.2	-1.2
23	3.3	152.0	-1.2
24	2.0	180.0	-1.2
1	1.3	220.0	-1.3
2	1.5	262.7	-1.2
3	2.3	200.3	-1.2
4	3.0	184.7	-1.3
5	3.2	173.0	-1.3
STOPPING TIME	2/ 6/95	HOUR	4 MINUTE 27

RELEASE NUMBER 95006

CONTAINMENT PURGE

STARTING TIME 2/ 9/95

HOUR 16 MINUTE 25

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	4.8	232.6	-0.5
17	4.2	221.8	-1.5
18	4.8	199.2	-0.5
19	2.1	192.5	-1.8
20	3.6	193.3	0.5
21	3.4	200.7	0.4
22	6.1	212.7	-0.6
23	7.5	212.7	0.4
24	7.6	231.1	-0.3
1	1.8	292.1	0.6
2	2.9	315.1	-0.5
3	5.3	328.2	0.3
4	6.5	329.0	-0.6
5	5.7	332.3	0.8
6	5.6	333.8	-0.3
7	5.4	335.4	-0.5
8	4.2	329.3	-1.0
9	4.0	331.7	-1.1
10	4.8	336.0	-0.4
11	5.2	340.0	-1.5
12	5.2	350.0	-1.2
13	4.9	320.0	-0.9
14	3.6	300.0	-0.4
15	3.5	340.0	-0.7
16	3.8	300.0	-0.7
17	4.1	310.0	-1.0
18	3.8	340.0	-0.3
19	2.9	340.0	-0.8
20	1.8	340.0	-0.6
21	0.8	360.0	-0.3
22	0.9	360.0	-1.4
23	1.9	360.0	-0.9
24	3.6	350.0	-0.9
1	4.4	350.0	-1.1
2	4.9	330.0	-0.6
3	5.2	320.0	-0.5
4	5.8	340.0	-0.4
5	5.5	340.0	-0.2
6	5.0	340.0	-0.7
7	4.4	350.0	-0.6
8	4.4	350.0	-0.4
9	4.9	350.0	-1.3
10	5.3	320.0	-1.6
11	5.3	320.0	-0.8
12	4.9	330.0	0.2
13	4.9	310.0	-1.1
14	4.5	300.0	-0.8
15	3.9	320.0	-0.9
16	3.8	320.0	-1.3
17	3.1	320.0	-0.7

18	3.6	350.0	-0.4
19	3.0	90.0	-0.2
20	1.8	110.0	-0.1
21	3.0	130.0	-0.1
22	3.0	140.0	0.1
23	1.8	140.0	0.1
24	1.2	70.0	-0.1
1	0.7	70.0	0.2
2	0.8	70.0	-0.1
3	1.0	60.0	0.8
4	1.0	90.0	0.8
5	0.8	130.0	0.3
6	1.1	130.0	-0.3
7	0.6	130.0	0.1
8	0.4	130.0	-1.5
9	0.8	140.0	-0.2
10	0.8	170.0	-0.3
11	1.6	130.0	-0.8
12	1.7	170.0	-1.4
13	2.4	220.0	-0.5
14	2.6	210.0	-0.6
15	3.5	230.0	-0.7
16	3.7	200.0	-0.3
17	3.5	170.0	-1.1
18	2.8	220.0	-0.4
19	2.3	210.0	-0.3
20	3.1	190.0	-0.4
21	3.2	190.0	-0.1
22	3.5	170.0	-0.2
23	3.7	190.0	-0.2
24	2.9	210.0	-0.2
1	2.5	210.0	-0.2
2	2.9	280.0	-0.2
3	2.2	360.0	-0.3
4	2.0	350.0	-0.9
5	2.2	350.0	-0.6
6	2.9	360.0	0.8
STOPPING TIME		2/13/95	HOUR 5 MINUTE 40

RELEASE NUMBER	95007	CONTAINMENT PURGE	
STARTING TIME	2/16/95	HOUR 17 MINUTE 5	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
17	5.0	334.4	-0.4
18	1.8	314.8	-0.2
19	1.2	250.0	1.3
20	1.0	168.5	1.3
21	1.0	178.4	1.4
22	2.3	185.9	0.5
23	5.2	202.2	0.3
24	7.0	196.3	0.1
1	4.6	189.1	0.3
2	4.3	188.9	0.2
3	5.4	193.7	-0.3
4	6.2	203.0	0.1
5	6.2	202.0	-0.3
6	5.6	199.0	-0.1
7	6.0	200.0	0.3
8	7.0	204.1	-0.9
9	6.6	194.7	0.1
10	7.2	190.8	-0.7
11	8.8	191.5	-0.1
12	10.8	200.6	-0.3
13	9.7	205.6	-0.3
14	11.6	185.0	0.6
15	11.8	198.0	-0.4
16	11.3	211.4	-0.2
17	8.8	206.0	-0.1
18	8.4	199.4	0.2
19	8.7	201.0	0.1
20	8.2	195.8	0.1
21	8.2	192.4	0.2
22	8.3	192.3	0.1
STOPPING TIME	2/17/95	HOUR 21 MINUTE 52	

RELEASE NUMBER	95008	CONTAINMENT PURGE	
STARTING TIME	2/18/95	HOUR 14 MINUTE 37	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
14	2.4	230.0	-0.3
15	2.0	300.7	-0.2
16	2.0	309.0	-0.1
17	2.1	315.0	0.1
18	2.2	316.7	0.2
19	1.9	306.5	-0.2
20	2.3	321.7	0.3
21	2.7	317.3	0.3
22	2.2	324.8	-0.1
23	2.0	301.2	-0.1
STOPPING TIME	2/18/95	HOUR 22 MINUTE 35	

RELEASE NUMBER	95009	CONTAINMENT PURGE	
STARTING TIME	2/19/95	HOUR 11 MINUTE 35	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
11	3.0	327.7	-1.6
12	1.9	341.7	-1.3
13	3.2	313.7	-1.2
14	4.4	226.1	-1.2
15	6.2	219.9	-0.9
16	7.4	204.6	-1.0
17	8.8	199.3	-1.4
18	8.4	179.8	-0.6
19	7.7	179.1	0.8
20	8.7	169.7	1.3
21	11.7	181.0	1.5
22	14.9	206.3	1.8
23	17.8	209.5	1.0
24	16.9	212.9	1.4
1	13.2	239.3	2.4
STOPPING TIME	2/20/95	HOUR 0 MINUTE 26	

RELEASE NUMBER	95010	CONTAINMENT PURGE	
STARTING TIME	2/20/95	HOUR 1 MINUTE 50	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
1	13.2	239.3	2.4
2	14.0	279.2	1.2
3	7.9	297.2	0.2
4	8.4	305.8	0.1
5	11.2	312.0	0.4
6	8.5	314.3	0.7
7	10.7	304.5	-0.7
8	8.2	308.1	0.2
9	8.2	318.8	-1.4
10	10.2	318.8	-0.7
11	11.3	325.7	-0.9
12	11.0	328.8	-1.2
STOPPING TIME	2/20/95	HOUR 11 MINUTE 40	

RELEASE NUMBER 95011 CONTAINMENT PURGE

STARTING TIME 2/20/95 HOUR 11 MINUTE 54

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
11	11.3	325.7	-0.9
12	11.0	328.8	-1.2
13	13.1	324.2	-1.6
14	13.3	325.4	-1.4
15	12.0	327.9	-0.9
16	13.3	327.1	-1.6
17	10.5	328.0	-1.1
18	7.8	334.2	-0.6
19	5.4	323.8	0.5
20	7.6	312.2	0.5
21	8.1	318.5	0.6
22	2.1	336.0	-0.9
23	3.7	298.1	1.3
24	2.1	285.0	0.2
1	2.7	273.4	0.6
2	3.0	274.6	0.5
3	3.0	259.9	1.0
4	3.5	210.0	-0.1
5	3.6	167.0	-0.4
6	2.6	186.1	-0.3
7	2.8	180.3	0.3
STOPPING TIME	2/21/95		HOUR 6 MINUTE 44

RELEASE NUMBER	95012	CONTAINMENT PURGE	
STARTING TIME	2/21/95	HOUR 16 MINUTE 40	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
16	8.1	183.8	-0.8
17	6.8	175.3	-0.8
18	8.0	172.3	-0.4
19	9.7	177.4	2.3
20	10.7	186.9	3.0
21	13.8	202.6	2.5
22	16.8	212.3	3.0
23	17.8	212.8	2.7
24	8.1	220.0	1.4
1	2.4	230.8	2.4
STOPPING TIME	2/22/95	HOUR 0 MINUTE 43	

RELEASE NUMBER	95013	CONTAINMENT PURGE	
STARTING TIME	2/22/95	HOUR 1 MINUTE 10	
TIME	WS10	WD10	
HOUR	MPH	DEG	
		DT110	
		DEG C	
1	2.4	230.8	2.4
2	3.2	166.6	4.5
3	2.7	165.7	6.0
4	5.4	182.2	3.1
5	3.2	193.8	3.6
6	2.6	288.6	3.9
7	1.7	38.0	5.3
8	2.7	309.0	3.0
9	2.4	292.7	3.3
10	2.6	267.7	0.2
11	2.7	336.7	-0.7
12	4.0	46.0	-1.5
13	3.4	318.8	-1.6
14	2.5	274.8	-1.6
15	3.8	310.0	-1.3
16	5.3	356.6	-1.6
17	5.4	357.0	-0.8
18	4.1	333.4	-0.8
19	2.8	355.0	0.5
20	2.1	17.2	0.2
21	2.6	317.7	0.5
22	2.2	279.8	1.0
23	4.1	288.3	1.3
24	4.3	292.7	1.1
1	4.5	313.4	0.5
2	3.5	280.1	0.3
3	2.6	289.8	0.7
4	3.3	286.6	0.7
5	2.4	276.0	0.1
STOPPING TIME	2/23/95	HOUR 4 MINUTE 20	

RELEASE NUMBER	95015	CONTAINMENT PURGE	
STARTING TIME	2/23/95	HOUR 11 MINUTE 52	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
11	6.0	333.7	-0.9
12	10.8	333.8	-0.7
13	11.8	331.4	-1.4
14	12.7	333.4	-1.5
15	13.6	331.9	-0.6
16	13.8	330.7	-1.2
STOPPING TIME	2/23/95	HOUR 15 MINUTE 5	

RELEASE NUMBER	95016	CONTAINMENT PURGE	
STARTING TIME	2/23/95	HOUR 15 MINUTE	5
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
15	13.6	331.9	-0.6
16	13.8	330.7	-1.2
17	11.5	334.8	-1.0
18	8.9	334.3	-0.7
19	6.7	323.1	-0.2
20	6.3	321.4	0.3
STOPPING TIME	2/23/95	HOUR 19 MINUTE	2

RELEASE NUMBER	95017	CONTAINMENT PURGE	
STARTING TIME	2/23/95	HOUR 19 MINUTE	2
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	6.7	323.1	-0.2
20	6.3	321.4	0.3
STOPPING TIME	2/23/95	HOUR 20 MINUTE	0

RELEASE NUMBER 95018 CONTAINMENT PURGE
STARTING TIME 2/23/95 HOUR 22 MINUTE 38
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
22 4.6 320.5 0.2
23 4.3 316.5 0.2
STOPPING TIME 2/23/95 HOUR 22 MINUTE 55

STARTING TIME 2/23/95 HOUR 23 MINUTE 5
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
23 4.3 316.5 0.2
24 2.9 300.6 0.8
STOPPING TIME 2/23/95 HOUR 23 MINUTE 44

RELEASE NUMBER	95019	CONTAINMENT PURGE	
STARTING TIME	2/24/95	HOUR 2 MINUTE 47	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
2	2.5	295.2	1.4
3	2.7	260.0	1.1
4	2.1	210.0	2.7
5	2.4	165.2	3.0
6	1.3	206.4	3.2
7	3.2	237.6	1.7
8	3.4	230.3	0.6
9	8.3	200.4	0.1
10	8.8	196.5	-0.5
11	10.2	196.1	-1.1
12	9.8	183.4	-0.7
STOPPING TIME	2/24/95	HOUR 11 MINUTE 5	

RELEASE NUMBER	95020	CONTAINMENT PURGE	
STARTING TIME	2/24/95	HOUR 11 MINUTE	5
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
11	10.2	196.1	-1.1
12	9.8	183.4	-0.7
13	11.3	177.4	-1.1
14	13.5	180.5	-1.3
STOPPING TIME	2/24/95	HOUR 13 MINUTE	55

RELEASE NUMBER	95021	CONTAINMENT PURGE	
STARTING TIME	2/24/95	HOUR 16 MINUTE 14	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
16	13.1	194.3	-1.9
17	11.8	194.2	-1.1
18	9.3	185.5	-1.3
19	7.2	170.5	-0.4
20	10.9	174.4	-0.1
21	13.3	185.5	0.2
22	15.4	194.1	0.2
23	16.0	201.6	0.8
24	16.6	205.0	0.4
1	16.7	211.6	0.6
2	10.1	222.7	0.5
3	2.1	170.0	0.1
STOPPING TIME	2/25/95	HOUR 2 MINUTE 10	

RELEASE NUMBER 95022 CONTAINMENT PURGE
STARTING TIME 2/25/95 HOUR 8 MINUTE 3
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
8 3.1 190.0 2.4
9 1.7 251.3 -0.9
10 2.5 195.4 -1.0
11 2.1 259.7 -1.3
12 2.8 215.2 -1.4
STOPPING TIME 2/25/95 HOUR 11 MINUTE 20

RELEASE NUMBER	95023	CONTAINMENT PURGE	
STARTING TIME	2/25/95	HOUR 11 MINUTE	20
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
11	2.1	259.7	-1.3
12	2.8	215.2	-1.4
13	4.3	188.6	-1.5
14	5.2	196.9	-1.1
15	4.9	205.6	-1.3
16	4.7	227.2	-1.8
17	3.2	230.0	-0.9
18	1.4	239.9	-0.4
19	1.1	270.0	2.8
20	1.9	293.5	5.2
21	2.2	282.9	3.2
22	3.7	322.4	2.5
23	4.9	332.2	-0.1
STOPPING TIME	2/25/95	HOUR 22 MINUTE	45

RELEASE NUMBER	95024	CONTAINMENT PURGE
STARTING TIME	2/25/95	HOUR 22 MINUTE 45
TIME	WS10	WD10
HOUR	MPH	DEG
		DT110
		DEG C
22	3.7	322.4
23	4.9	332.2
24	5.0	58.0
1	6.1	323.4
2	5.2	340.0
3	6.4	5.0
4	5.0	58.0
5	5.4	59.0
6	4.4	67.0
7	5.3	59.0
8	6.7	59.0
9	6.1	49.0
10	6.4	52.0
11	6.9	55.0
12	7.4	65.0
13	6.8	59.0
14	6.5	49.0
15	6.2	61.0
16	5.2	54.0
STOPPING TIME	2/26/95	HOUR 15 MINUTE 21

RELEASE NUMBER 95025 CONTAINMENT PURGE
STARTING TIME 2/27/95 HOUR 6 MINUTE 4
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
6 8.4 20.0 -0.5
7 10.2 20.0 -0.5
8 9.0 30.0 -0.5
9 9.0 10.0 -0.5
10 8.4 20.0 -0.5
STOPPING TIME 2/27/95 HOUR 10 MINUTE 0

RELEASE NUMBER	95026	CONTAINMENT PURGE	
STARTING TIME	2/27/95	HOUR 10 MINUTE	0
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
10	8.4	20.0	-0.5
11	7.2	40.0	-0.5
12	7.8	50.0	-0.5
13	7.8	10.0	-0.5
14	7.8	10.0	-0.5
15	9.0	20.0	-0.5
16	8.4	10.0	-0.5
17	9.0	360.0	-0.5
18	9.0	10.0	-0.5
19	12.0	10.0	-0.5
20	9.6	10.0	-0.5
21	12.0	360.0	-0.5
22	12.0	10.0	-0.5
23	10.8	10.0	-0.5
24	12.6	10.0	-0.5
1	13.2	350.0	-0.5
STOPPING TIME	2/28/95	HOUR 0 MINUTE	34

RELEASE NUMBER 95029 CONTAINMENT PURGE
STARTING TIME 2/28/95 HOUR 11 MINUTE 30
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
11 12.0 10.0 -0.5
12 12.0 360.0 -0.5
STOPPING TIME 2/28/95 HOUR 11 MINUTE 55

STARTING TIME 2/28/95 HOUR 12 MINUTE 0
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
12 12.0 360.0 -0.5
13 10.8 360.0 -0.5
14 10.8 360.0 -0.5
15 12.6 350.0 -0.5
16 13.2 360.0 -0.5
17 10.8 360.0 -0.5
STOPPING TIME 2/28/95 HOUR 17 MINUTE 0

RELEASE NUMBER	95030	CONTAINMENT PURGE	
STARTING TIME	2/28/95	HOUR 17 MINUTE 0	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
17	10.8	360.0	-0.5
18	10.2	360.0	-0.5
19	5.0	360.0	-0.5
20	4.8	360.0	1.5
STOPPING TIME	2/28/95	HOUR 19 MINUTE 25	

STARTING TIME	2/28/95	HOUR 20 MINUTE 12	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	4.8	360.0	1.5
21	3.6	360.0	1.5
22	3.6	340.0	1.5
23	3.0	360.0	1.5
24	0.6	360.0	4.0
1	3.6	360.0	4.0
2	1.8	360.0	1.5
3	6.0	360.0	-0.5
4	8.4	360.0	-0.5
5	9.0	340.0	-0.5
STOPPING TIME	3/ 1/95	HOUR 4 MINUTE 13	

RELEASE NUMBER	95031	CONTAINMENT PURGE	
STARTING TIME	3/ 1/95	HOUR	4 MINUTE 13
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
4	8.4	360.0	-0.5
5	9.0	340.0	-0.5
6	8.4	350.0	-0.5
7	7.2	360.0	-0.5
STOPPING TIME	3/ 1/95	HOUR	6 MINUTE 20

RELEASE NUMBER	95032	CONTAINMENT PURGE	
STARTING TIME	3/ 1/95	HOUR 11 MINUTE 28	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
11	6.0	10.0	-0.5
12	7.2	360.0	-0.5
13	6.0	350.0	-0.5
14	7.8	340.0	-0.5
15	9.6	20.0	-0.5
16	9.0	350.0	-0.5
17	9.0	350.0	-0.5
18	8.4	360.0	-0.5
19	7.8	350.0	-0.5
20	9.0	360.0	-0.5
21	7.2	30.0	-0.5
22	7.2	40.0	-0.5
23	5.4	40.0	-0.5
24	4.2	10.0	1.5
1	3.6	10.0	1.5
2	3.6	10.0	1.5
STOPPING TIME	3/ 2/95	HOUR 2 MINUTE 0	

RELEASE NUMBER	95033	CONTAINMENT PURGE	
STARTING TIME	3/ 2/95	HOUR 2 MINUTE 0	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
2	3.6	10.0	1.5
3	3.0	10.0	4.0
4	3.0	20.0	4.0
5	3.0	10.0	4.0
6	0.6	10.0	-0.5
7	1.8	10.0	-1.5
8	0.6	10.0	-1.5
9	3.0	160.0	-1.5
10	3.0	230.0	-1.5
11	3.0	180.0	-1.5
STOPPING TIME	3/ 2/95	HOUR 10 MINUTE 30	

RELEASE NUMBER	95034	CONTAINMENT PURGE	
STARTING TIME	3/ 2/95	HOUR 13 MINUTE 28	
TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	3.0	200.0	-1.5
14	4.2	220.0	-1.5
15	1.8	250.0	-1.5
16	3.0	160.0	-1.6
17	3.6	160.0	-1.5
18	4.8	180.0	-0.5
19	4.8	160.0	-0.5
20	4.2	170.0	1.5
21	3.6	160.0	1.5
22	4.2	180.0	1.5
23	4.8	170.0	1.5
24	4.8	160.0	1.5
1	4.8	160.0	1.5
2	4.2	170.0	1.5
3	4.2	170.0	1.5
4	4.8	160.0	1.5
5	4.8	160.0	1.5
6	5.4	160.0	1.5
7	5.4	160.0	1.5
8	4.8	160.0	-0.5
9	4.8	170.0	-0.5
STOPPING TIME	3/ 3/95	HOUR 8 MINUTE 35	

RELEASE NUMBER	95036	CONTAINMENT PURGE	
STARTING TIME	3/ 3/95	HOUR 8 MINUTE 35	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	4.8	160.0	-0.5
9	4.8	170.0	-0.5
10	8.4	220.0	-0.5
STOPPING TIME	3/ 3/95	HOUR 10 MINUTE 0	

RELEASE NUMBER	95037	CONTAINMENT PURGE	
STARTING TIME	3/ 3/95	HOUR 10 MINUTE 0	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
10	8.4	220.0	-0.5
11	9.0	220.0	-0.5
12	9.0	220.0	-0.5
13	10.2	180.0	-0.5
14	12.0	190.0	-0.5
15	10.2	220.0	-0.5
16	10.8	200.0	-0.5
17	8.4	190.0	-0.5
18	7.8	200.0	-0.5
19	4.8	180.0	-0.5
20	4.8	160.0	1.5
21	5.4	170.0	1.5
22	6.0	170.0	-0.5
STOPPING TIME	3/ 3/95	HOUR 21 MINUTE 17	

RELEASE NUMBER	95038	CONTAINMENT PURGE
STARTING TIME	3/ 3/95	HOUR 21 MINUTE 17
TIME	WS10	WD10
HOUR	MPH	DEG
		DW110
		DEG C
21	5.4	170.0
22	6.0	170.0
23	5.4	160.0
24	6.0	160.0
1	5.4	170.0
2	4.8	160.0
3	4.2	140.0
4	3.0	140.0
5	4.2	120.0
6	4.2	130.0
7	1.6	130.0
8	5.4	140.0
9	7.8	140.0
STOPPING TIME	3/ 4/95	HOUR 8 MINUTE 52

RELEASE NUMBER	95039	CONTAINMENT PURGE	
STARTING TIME	3/ 4/95	HOUR 8 MINUTE 52	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	5.4	140.0	-0.5
9	7.8	140.0	-0.5
10	8.4	170.0	-0.5
11	10.8	160.0	-0.5
12	9.0	150.0	-0.5
13	7.8	160.0	-0.5
14	9.0	170.0	-0.5
15	7.2	140.0	-0.5
16	9.6	140.0	-0.5
17	7.8	150.0	-0.5
18	6.0	140.0	-0.5
19	4.8	140.0	-0.5
20	6.0	130.0	-0.5
21	5.4	130.0	-0.5
STOPPING TIME	3/ 4/95	HOUR 20 MINUTE 50	

RELEASE NUMBER	95040	CONTAINMENT PURGE	
STARTING TIME	3/ 4/95	HOUR 20 MINUTE 50	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	6.0	130.0	-0.5
21	5.4	130.0	-0.5
22	5.4	140.0	-0.5
23	4.2	150.0	-0.5
24	3.0	140.0	-0.5
1	0.6	70.0	-0.5
2	0.6	360.0	-0.5
3	0.6	360.0	-0.5
4	3.0	350.0	-0.5
5	4.2	310.0	-0.5
6	3.0	330.0	-0.5
7	4.2	330.0	-0.5
8	10.8	350.0	-0.5
9	9.0	350.0	-0.5
STOPPING TIME	3/ 5/95	HOUR 9 MINUTE 0	

RELEASE NUMBER	95041	CONTAINMENT PURGE	
STARTING TIME	3/ 5/95	HOUR	9 MINUTE 0
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
9	9.0	350.0	-0.5
10	9.0	340.0	-0.5
11	9.6	350.0	-0.5
12	8.4	330.0	-0.5
13	7.8	360.0	-0.5
14	8.4	360.0	-0.5
15	6.0	360.0	-0.5
16	6.0	20.0	-0.5
17	6.0	340.0	-0.5
18	5.4	350.0	-0.5
19	4.2	340.0	-0.5
20	3.6	30.0	-0.5
21	3.6	80.0	-0.5
STOPPING TIME	3/ 5/95	HOUR	20 MINUTE 45

RELEASE NUMBER	95042	CONTAINMENT PURGE	
STARTING TIME	3/ 5/95	HOUR 20 MINUTE 45	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	3.6	30.0	-0.5
21	3.6	80.0	-0.5
22	4.2	100.0	-0.5
23	4.2	110.0	-0.5
24	3.0	110.0	-0.5
1	3.6	70.0	-0.5
2	3.6	90.0	-0.5
3	4.2	360.0	-0.5
4	4.8	360.0	-0.5
5	4.2	10.0	-0.5
6	3.6	20.0	-0.5
7	4.2	60.0	-0.5
8	4.2	90.0	-0.5
9	3.0	350.0	-1.5
STOPPING TIME	3/ 6/95	HOUR 8 MINUTE 32	

RELEASE NUMBER 95043 CONTAINMENT PURGE
STARTING TIME 3/ 6/95 HOUR 8 MINUTE 32
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
8 4.2 90.0 -0.5
9 3.0 350.0 -1.5
10 8.4 360.0 -0.5
11 10.2 360.0 -0.5
12 9.0 360.0 -0.5
13 10.2 360.0 -0.5
14 13.8 360.0 -0.5
STOPPING TIME 3/ 6/95 HOUR 13 MINUTE 50

RELEASE NUMBER 95044 CONTAINMENT PURGE

STARTING TIME 3/ 6/95 HOUR 16 MINUTE 47

TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
16	13.8	360.0	-0.5
17	13.2	350.0	-0.5
18	14.4	360.0	-0.5

STOPPING TIME 3/ 6/95 HOUR 17 MINUTE 9

STARTING TIME 3/ 6/95 HOUR 17 MINUTE 13

TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
17	13.2	350.0	-0.5
18	14.4	360.0	-0.5
19	10.8	350.0	-0.5

STOPPING TIME 3/ 6/95 HOUR 18 MINUTE 50

STARTING TIME 3/ 6/95 HOUR 19 MINUTE 10

TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	10.8	350.0	-0.5
20	9.6	350.0	-0.5

STOPPING TIME 3/ 6/95 HOUR 19 MINUTE 15

STARTING TIME 3/ 6/95 HOUR 19 MINUTE 27

TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	10.8	350.0	-0.5
20	9.6	350.0	-0.5
21	10.8	350.0	-0.5
22	12.0	340.0	-0.5
23	13.8	340.0	-0.5
24	13.2	340.0	-0.5
1	12.6	340.0	-0.5

STOPPING TIME 3/ 7/95 HOUR 0 MINUTE 18

RELEASE NUMBER 95046 CONTAINMENT PURGE

STARTING TIME 3/ 7/95 HOUR 6 MINUTE 3

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
6	10.2	330.0	-0.5
7	12.0	340.0	-0.5
8	10.8	330.0	-0.5
9	13.8	340.0	-0.5
10	18.0	350.0	-0.5
11	10.8	330.0	-0.5
12	12.6	340.0	-0.5
13	10.8	330.0	-0.5
14	15.0	330.0	-0.5
15	15.0	340.0	-0.5
16	15.6	340.0	-0.5
17	13.8	350.0	-0.5
18	10.2	340.0	-0.5
19	9.0	340.0	-0.5
20	9.0	340.0	-0.5
21	5.4	350.0	-0.5
22	5.4	360.0	-0.5
23	4.2	360.0	1.5
24	3.0	320.0	4.0

STOPPING TIME 3/ 7/95 HOUR 23 MINUTE 40

STARTING TIME 3/ 7/95 HOUR 23 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
23	4.2	350.0	1.5
24	3.0	320.0	4.0

STOPPING TIME 3/ 7/95 HOUR 23 MINUTE 54

STARTING TIME 3/ 7/95 HOUR 23 MINUTE 58

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
23	4.2	360.0	1.5
24	3.0	320.0	4.0
1	6.0	310.0	4.0

STOPPING TIME 3/ 8/95 HOUR 0 MINUTE 30

RELEASE NUMBER	95048	CONTAINMENT PURGE	
STARTING TIME	3/ 8/95	HOUR 0 MINUTE 30	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
1	6.0	310.0	4.0
2	7.2	320.0	1.5
3	4.2	320.0	1.5
4	3.6	350.0	1.5
5	3.6	350.0	1.5
6	4.2	350.0	1.5
7	3.6	340.0	1.5
8	1.8	360.0	-1.7
STOPPING TIME	3/ 8/95	HOUR 7 MINUTE 17	

RELEASE NUMBER	95049	CONTAINMENT PURGE	
STARTING TIME	3/ 8/95	HOUR	7 MINUTE 17
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
7	3.6	340.0	1.5
8	1.8	360.0	-1.7
9	4.2	10.0	-1.5
10	5.4	10.0	-0.5
11	5.4	340.0	-0.5
12	6.0	340.0	-0.5
13	4.8	330.0	-0.5
14	4.8	340.0	-0.5
15	5.4	350.0	-0.5
16	5.4	360.0	-0.5
17	4.2	360.0	-0.5
18	5.4	110.0	-0.5
19	5.4	130.0	-0.5
20	4.2	120.0	1.5
21	3.0	120.0	1.5
STOPPING TIME	3/ 8/95	HOUR	20 MINUTE 17

RELEASE NUMBER	95050	CONTAINMENT PURGE	
STARTING TIME	3/ 8/95	HOUR 20 MINUTE 17	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	4.2	120.0	1.5
21	3.0	120.0	1.5
22	3.6	130.0	1.5
23	3.0	150.0	4.0
24	4.2	160.0	1.5
1	3.6	180.0	1.5
2	3.6	150.0	1.5
3	4.8	140.0	1.5
4	6.0	140.0	-0.5
5	9.0	150.0	-0.5
6	9.0	140.0	-0.5
7	9.6	140.0	-0.5
8	10.8	160.0	-0.5
9	12.6	150.0	-0.5
STOPPING TIME	3/ 9/95	HOUR 8 MINUTE 5	

RELEASE NUMBER	95C51	CONTAINMENT PURGE	
STARTING TIME	3/ 9/95	HOUR	8 MINUTE 5
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	10.8	160.0	-0.5
9	12.6	150.0	-0.5
10	15.0	150.0	-0.5
11	13.2	150.0	-0.5
12	13.8	160.0	-0.5
13	14.4	180.0	-0.5
14	17.4	170.0	-0.5
15	15.6	170.0	-0.5
16	15.6	170.0	-0.5
17	9.6	170.0	-0.5
18	10.2	170.0	-0.5
19	9.6	170.0	-0.5
STOPPING TIME	3/ 9/95	HOUR	18 MINUTE 33

RELEASE NUMBER	95052	CONTAINMENT PURGE	
STARTING TIME	3/ 9/95	HOUR 18 MINUTE 33	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
18	10.2	170.0	-0.5
19	9.6	170.0	-0.5
20	10.8	170.0	-0.5
21	10.8	170.0	-0.5
22	10.8	170.0	-0.5
23	10.2	170.0	-0.5
24	8.4	160.0	-0.5
1	9.0	170.0	-0.5
2	9.0	170.0	-0.5
3	9.6	180.0	-0.5
4	9.6	170.0	-0.5
5	9.0	170.0	-0.5
6	7.2	170.0	-0.5
7	8.4	160.0	-0.5
8	9.0	170.0	-0.5
9	6.8	180.0	-0.5
10	12.0	190.0	-0.5
STOPPING TIME	3/10/95	HOUR 9 MINUTE 27	

RELEASE NUMBER 95053 CONTAINMENT PURGE
STARTING TIME 3/10/95 HOUR 9 MINUTE 27
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
9 6.8 180.0 -0.5
10 12.0 190.0 -0.5
11 13.2 200.0 -0.5
12 14.4 200.0 -0.5
13 18.6 200.0 -0.5
14 16.8 200.0 -0.5
15 14.4 200.0 -0.5
16 18.0 200.0 -0.5
17 15.0 200.0 -0.5
18 13.8 190.0 -0.5
19 12.0 190.0 -0.5
20 9.0 180.0 -0.5
21 10.8 180.0 -0.5
22 8.4 180.0 -0.5
STOPPING TIME 3/10/95 HOUR 21 MINUTE 5

RELEASE NUMBER	95054	CONTAINMENT PURGE	
STARTING TIME	3/10/95	HOUR 21 MINUTE 5	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
21	10.8	180.0	-0.5
22	8.4	180.0	-0.5
23	9.6	180.0	-0.5
24	8.4	180.0	-0.5
1	9.8	176.7	-0.7
2	12.5	177.4	0.1
3	13.2	178.1	-0.7
4	11.7	174.4	-0.4
5	10.6	171.1	-0.3
6	13.9	180.1	-0.5
7	12.8	174.4	0.1
8	12.7	175.2	0.1
STOPPING TIME	3/11/95	HOUR 7 MINUTE 58	

RELEASE NUMBER 95055 CONTAINMENT PURGE
STARTING TIME 3/11/95 HOUR 7 MINUTE 58
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
7 12.8 174.4 0.1
8 12.7 175.2 0.1
9 16.1 181.1 -1.0
10 16.0 188.6 -1.0
11 15.8 184.3 -1.4
12 17.1 181.8 -1.4
13 17.0 179.6 -1.3
14 14.2 171.9 -1.3
15 18.3 165.5 -1.3
16 17.4 166.4 -1.2
17 17.0 163.0 -1.1
18 13.7 153.8 -0.6
19 11.7 152.9 -0.1
20 11.9 152.6 -0.6
STOPPING TIME 3/11/95 HOUR 19 MINUTE 46

RELEASE NUMBER	95056	CONTAINMENT PURGE	
STARTING TIME	3/11/95	HOUR 19 MINUTE 46	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	11.7	152.9	-0.1
20	11.9	152.6	-0.6
21	13.5	159.3	-0.4
22	11.1	161.2	-0.4
23	9.4	153.3	-0.5
24	10.0	148.4	-0.6
1	12.1	151.9	-0.8
2	14.6	156.6	-0.9
3	12.9	154.0	0.7
4	11.2	156.3	0.8
5	13.1	150.5	-0.9
6	12.4	153.4	-0.9
7	14.7	145.9	-0.5
STOPPING TIME	3/12/95	HOUR 6 MINUTE 42	

RELEASE NUMBER	95057	CONTAINMENT PURGE	
STARTING TIME	3/12/95	HOUR 6 MINUTE 42	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
6	12.4	153.4	-0.9
7	14.7	145.9	-0.5
8	16.0	152.0	-0.7
9	18.6	158.7	-1.0
10	20.7	164.0	-1.1
11	20.5	164.7	-1.1
12	21.1	163.8	-1.5
13	22.1	163.6	-1.3
14	21.5	163.8	-1.5
15	20.9	157.1	-1.1
16	17.9	157.7	-1.4
17	18.3	159.5	-1.2
18	19.0	162.0	-1.1
19	16.2	162.0	-0.9
STOPPING TIME	3/12/95	HOUR 19 MINUTE 0	

RELEASE NUMBER	95058	CONTAINMENT PURGE	
STARTING TIME	3/12/95	HOUR 19 MINUTE	0
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	16.2	162.0	-0.9
20	14.7	158.2	-0.7
21	16.0	153.3	-0.7
22	16.3	158.2	-1.3
23	16.8	166.2	-1.1
24	15.2	167.4	-1.2
1	13.8	161.9	-0.6
2	13.4	158.7	-0.9
3	13.0	168.0	-0.6
4	9.9	190.2	-0.9
5	11.2	178.6	-1.1
6	8.9	160.0	-0.5
7	7.8	162.0	-0.5
8	7.2	181.6	-0.4
STOPPING TIME	3/13/95	HOUR 7 MINUTE	28

RELEASE NUMBER	95059	CONTAINMENT PURGE	
STARTING TIME	3/13/95	HOUR 7 MINUTE 28	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
7	7.8	162.0	-0.5
8	7.2	181.6	-0.4
9	7.7	156.3	-0.8
10	5.7	272.5	-0.9
11	3.9	304.1	-0.9
12	3.3	332.6	-1.0
13	2.8	336.7	-1.4
14	2.0	3.5	-1.1
15	1.6	22.4	-1.2
16	1.5	34.8	-1.2
17	1.6	27.3	-0.8
18	1.8	327.5	-1.1
19	1.4	310.0	-0.5
20	1.4	286.0	-0.8
21	1.5	295.8	-0.2
STOPPING TIME	3/13/95	HOUR 20 MINUTE 48	

RELEASE NUMBER	95060	CONTAINMENT PURGE	
STARTING TIME	3/13/95	HOUR 20 MINUTE 48	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	1.4	286.0	-0.8
21	1.5	295.8	-0.2
22	1.9	296.7	0.6
23	2.7	303.4	-0.7
24	2.2	294.8	0.7
1	2.1	302.7	-0.5
2	1.3	323.4	0.4
3	1.8	334.8	-1.1
4	2.2	323.8	-0.2
5	2.4	293.5	0.6
6	3.6	303.5	0.9
7	2.7	307.5	0.6
8	2.2	295.1	0.8
9	1.4	289.3	0.7
10	1.4	304.0	0.1
STOPPING TIME	3/14/95	HOUR 9 MINUTE 7	

RELEASE NUMBER	95061	CONTAINMENT PURGE	
STARTING TIME	3/14/95	HOUR 9 MINUTE 7	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
9	1.4	289.3	0.7
10	1.4	304.0	0.1
11	1.9	358.1	-0.7
12	1.5	341.1	-0.6
13	2.5	334.2	-0.7
14	4.3	331.5	-1.2
15	2.9	134.4	-1.0
16	3.7	120.0	-1.0
17	3.7	130.0	-1.0
18	2.5	180.0	-0.7
19	2.4	270.0	-0.1
20	1.4	360.0	-0.3
STOPPING TIME	3/14/95	HOUR 19 MINUTE 30	

RELEASE NUMBER	95062	CONTAINMENT PURGE	
STARTING TIME	3/14/95	HOUR 19 MINUTE 30	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	2.4	270.0	-0.1
20	1.4	360.0	-0.3
21	2.9	360.0	0.5
22	2.8	350.0	0.2
23	2.9	350.0	0.2
24	2.2	360.0	0.7
1	2.5	350.0	0.5
2	2.2	340.0	0.7
3	3.4	340.0	1.3
4	4.2	340.0	1.0
5	4.8	350.0	-0.1
6	4.8	360.0	-0.3
7	3.6	350.0	-0.5
8	3.1	350.0	-0.4
9	4.0	360.0	-0.3
STOPPING TIME	3/15/95	HOUR 8 MINUTE 4	

RELEASE NUMBER 95063 CONTAINMENT PURGE
STARTING TIME 3/15/95 HOUR 8 MINUTE 4
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
8 3.1 350.0 -0.4
9 4.0 360.0 -0.3
10 3.5 320.0 -0.7
11 2.3 310.0 0.1
12 1.9 300.0 -1.5
13 1.8 300.0 -1.1
14 2.1 300.0 -1.4
15 2.7 300.0 -1.5
16 2.6 190.0 -1.4
17 2.5 180.0 -1.5
18 1.4 184.4 -0.7
19 0.7 90.0 0.6
STOPPING TIME 3/15/95 HOUR 18 MINUTE 18

RELEASE NUMBER	95064	CONTAINMENT PURGE	
STARTING TIME	3/15/95	HOUR 18 MINUTE 18	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
18	1.4	184.4	-0.7
19	0.7	90.0	0.6
20	0.6	359.8	2.2
21	0.6	359.5	2.8
22	0.5	359.9	2.3
23	0.5	359.9	2.2
24	0.7	0.5	3.4
1	0.5	0.1	4.2
2	0.3	0.4	5.2
3	1.1	357.3	5.0
4	1.0	0.2	5.0
5	0.8	0.1	4.8
6	0.5	0.3	5.5
7	0.9	360.0	5.7
8	0.7	359.9	6.4
9	1.1	359.5	4.2
STOPPING TIME	3/16/95	HOUR 8 MINUTE 10	

RELEASE NUMBER	95065	CONTAINMENT PURGE	
STARTING TIME	3/16/95	HOUR 8 MINUTE 10	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	0.7	359.9	6.4
9	1.1	359.5	4.2
10	1.0	359.8	2.6
11	2.5	210.0	0.0
12	6.9	230.0	-1.1
13	8.1	250.0	-1.6
14	8.0	270.0	-1.2
15	7.6	280.0	-1.2
16	7.3	260.0	-1.3
17	7.0	250.0	-1.4
18	5.4	250.0	-0.7
19	2.8	250.0	0.6
20	2.7	200.0	2.4
21	3.7	130.0	3.1
22	5.3	180.0	1.9
23	5.7	270.0	-0.5
24	5.8	360.0	-0.3
STOPPING TIME	3/16/95	HOUR 23 MINUTE	2

RELEASE NUMBER	95066	CONTAINMENT PURGE	
STARTING TIME	3/16/95	HOUR 23 MINUTE	2
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
23	5.7	270.0	-0.5
24	5.8	360.0	-0.3
1	5.3	350.0	-0.6
2	5.5	350.0	-0.1
3	6.0	360.0	-0.2
4	4.5	350.0	-1.2
5	5.8	350.0	-0.9
6	4.8	360.0	-0.8
7	4.7	10.0	-0.9
8	4.0	10.0	-1.1
9	4.7	20.0	-1.2
10	4.8	40.0	-1.5
11	5.3	60.0	-1.8
STOPPING TIME	3/17/95	HOUR 10 MINUTE	46

RELEASE NUMBER	95067	CONTAINMENT PURGE	
STARTING TIME	3/17/95	HOUR 10 MINUTE 46	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
10	4.8	40.0	-1.5
11	5.3	60.0	-1.8
12	6.1	90.0	-1.9
13	5.5	85.0	-1.7
14	5.5	85.0	-1.6
15	4.9	80.0	-1.9
16	5.1	100.0	-1.4
17	4.3	110.0	-1.7
18	4.7	120.0	-1.4
19	3.2	120.0	-0.4
20	2.4	130.0	0.9
STOPPING TIME	3/17/95	HOUR 19 MINUTE 32	

RELEASE NUMBER	95068	CONTAINMENT PURGE	
STARTING TIME	3/17/95	HOUR 19 MINUTE 32	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	3.2	120.0	-0.4
20	2.4	130.0	0.9
21	1.4	110.0	0.3
22	1.6	120.0	0.5
23	3.8	120.0	0.7
24	7.7	110.0	0.6
1	8.9	120.0	0.0
2	5.3	120.0	0.2
3	5.5	130.0	0.1
4	7.8	140.0	-0.5
5	6.2	150.0	-0.3
6	4.3	160.0	-0.2
7	2.6	160.0	0.1
8	1.5	170.0	1.1
9	2.3	180.0	0.4
STOPPING TIME	3/18/95	HOUR 8 MINUTE 34	

RELEASE NUMBER 95069 CONTAINMENT PURGE
STARTING TIME 3/18/95 HOUR 8 MINUTE 34
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
8 1.5 170.0 1.1
9 2.3 180.0 0.4
10 7.6 300.0 -1.2
11 8.8 320.0 -1.6
12 9.6 340.0 -1.4
13 7.9 330.0 -1.5
14 7.3 330.0 -1.5
15 6.6 330.0 -1.5
16 7.3 330.0 -0.8
17 6.0 350.0 -1.0
18 4.5 350.0 -1.3
19 2.8 350.0 -1.0
STOPPING TIME 3/18/95 HOUR 18 MINUTE 20

RELEASE NUMBER 95070 CONTAINMENT PURGE

STARTING TIME 3/18/95 HOUR 18 MINUTE 20

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
18	4.5	350.0	-1.3
19	2.8	350.0	-1.0
20	1.7	10.0	-0.5
21	2.3	10.0	-1.0
22	1.6	30.0	-0.7
23	2.0	20.0	-0.3
24	2.1	10.0	0.0
1	1.9	40.0	0.5
2	2.6	70.0	0.7
3	4.7	150.0	0.8
4	4.9	130.0	-0.3
5	5.5	140.0	0.3
6	7.7	140.0	-0.4
7	9.2	150.0	-0.3
8	10.3	150.0	-0.9
9	8.1	160.0	-1.1

STOPPING TIME 3/19/95 HOUR 8 MINUTE 9

RELEASE NUMBER	95071	CONTAINMENT PURGE	
STARTING TIME	3/19/95	HOUR	8 MINUTE 9
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	10.3	150.0	-0.9
9	8.1	160.0	-1.1
10	10.3	160.0	-1.6
11	11.4	170.0	-1.5
12	13.7	170.0	-1.8
13	15.5	175.0	-1.6
14	11.1	180.0	-1.1
15	8.7	170.0	-1.1
16	5.8	160.0	-1.4
17	5.0	100.0	-1.3
18	4.1	350.0	-0.6
19	5.2	337.3	-0.2
20	8.0	325.4	-1.1
STOPPING TIME	3/19/95	HOUR	19 MINUTE 1

RELEASE NUMBER	95072	CONTAINMENT PURGE	
STARTING TIME	3/19/95	HOUR 19 MINUTE	1
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	5.2	337.3	-0.2
20	8.0	325.4	-1.1
21	7.7	328.2	-0.9
22	6.0	316.8	-0.6
23	5.8	319.0	-1.1
24	6.1	309.8	-0.6
1	6.5	300.9	-1.3
2	8.3	287.3	-1.0
3	6.5	330.0	-1.0
4	6.1	330.0	-0.1
5	8.1	320.0	-0.4
6	8.0	330.0	0.0
7	9.8	320.0	-1.0
8	11.1	320.0	-1.3
9	13.6	320.0	-1.2
STOPPING TIME	3/20/95	HOUR 8 MINUTE	17

RELEASE NUMBER	95073	CONTAINMENT PURGE	
STARTING TIME	3/20/95	HOUR 8 MINUTE 17	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	11.1	320.0	-1.3
9	13.6	320.0	-1.2
10	13.3	320.0	-1.0
11	13.2	320.0	-1.7
12	12.9	320.0	-1.3
13	13.9	340.0	-1.6
14	13.1	340.0	-1.5
15	13.4	330.0	-1.3
16	11.7	330.0	-2.5
17	10.4	320.0	-1.6
18	5.9	330.0	-1.5
19	2.9	330.0	-0.6
20	2.2	340.0	-0.8
21	1.6	340.0	-0.3
STOPPING TIME	3/20/95	HOUR 20 MINUTE 47	

RELEASE NUMBER	95074	CONTAINMENT PURGE	
STARTING TIME	3/20/95	HOUR 20 MINUTE 47	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	2.2	340.0	-0.8
21	1.6	340.0	-0.3
22	1.4	350.0	-0.2
23	1.5	340.0	0.1
24	1.2	340.0	0.4
1	2.1	310.0	0.2
2	3.0	180.0	0.1
3	2.1	130.0	0.6
4	3.6	135.0	1.6
5	4.8	140.0	0.9
6	4.7	140.0	0.3
7	4.2	130.0	-0.1
8	6.2	135.0	-0.5
STOPPING TIME	3/21/95	HOUR 7 MINUTE 20	

RELEASE NUMBER	95075	CONTAINMENT PURGE	
STARTING TIME	3/21/95	HOUR	7 MINUTE 20
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
7	4.2	130.0	-0.1
8	6.2	135.0	-0.5
9	8.0	120.0	-1.1
10	10.4	130.0	-1.4
11	10.6	140.0	-2.3
12	9.8	140.0	-1.2
13	9.1	150.0	-1.8
14	7.9	160.0	-1.7
15	5.9	170.0	-1.3
16	6.6	100.0	-1.9
17	7.4	100.0	-1.4
18	8.1	100.0	-1.2
19	6.2	95.0	-1.0
20	5.6	95.0	-0.8
STOPPING TIME	3/21/95	HOUR	19 MINUTE 30

RELEASE NUMBER	95076	CONTAINMENT PURGE	
STARTING TIME	3/21/95	HOUR 19 MINUTE 30	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	6.2	95.0	-1.0
20	5.6	95.0	-0.8
21	4.4	90.0	-0.5
22	6.1	100.0	-0.7
23	3.7	90.0	-0.2
24	3.3	100.0	-0.4
1	5.2	110.0	-0.6
2	9.2	120.0	-1.2
3	11.4	140.0	-0.9
4	11.6	150.0	-1.0
5	12.8	135.0	-1.2
6	12.9	140.0	-1.0
7	13.2	140.0	-0.8
8	14.8	140.0	-0.9
STOPPING TIME	3/22/95	HOUR 7 MINUTE 15	

RELEASE NUMBER	95077	CONTAINMENT PURGE	
STARTING TIME	3/22/95	HOUR 7 MINUTE 15	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
7	13.2	140.0	-0.8
8	14.8	140.0	-0.9
9	13.5	135.0	-0.8
10	14.5	150.0	-1.2
11	13.7	150.0	-0.5
12	15.2	160.0	-0.6
13	14.3	160.0	-0.7
14	14.2	160.0	-1.6
15	14.5	160.0	-1.0
16	8.7	180.0	-1.4
17	2.4	350.0	-1.1
18	2.7	350.0	-1.0
19	3.5	340.0	-1.6
20	3.4	340.0	-0.7
STOPPING TIME	3/22/95	HOUR 19 MINUTE 3	

RELEASE NUMBER	95078	CONTAINMENT PURGE	
STARTING TIME	3/22/95	HOUR	19 MINUTE 3
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	3.5	340.0	-1.6
20	3.4	340.0	-0.7
21	4.1	350.0	-0.8
22	4.3	340.0	-0.9
23	4.3	330.0	-0.7
24	6.4	330.0	-0.9
1	7.3	320.0	-0.6
2	7.2	320.0	-1.0
3	4.8	330.0	-1.1
4	2.5	340.0	-0.2
5	3.3	330.0	0.2
6	5.9	350.0	0.0
7	5.9	340.0	-0.1
8	5.8	340.0	-0.1
STOPPING TIME	3/23/95	HOUR	8 MINUTE 0

RELEASE NUMBER	95079	CONTAINMENT PURGE	
STARTING TIME	3/23/95	HOUR	8 MINUTE 0
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	5.8	340.0	-0.1
9	3.8	350.0	-1.4
10	5.7	10.0	-0.9
11	6.9	10.0	-1.0
12	6.0	20.0	-1.3
13	5.7	20.0	-1.5
14	5.0	25.0	-1.6
15	4.5	20.0	-1.7
16	4.5	60.0	-1.6
17	3.9	70.0	-1.7
18	4.4	90.0	-1.4
19	1.7	100.0	-0.2
STOPPING TIME	3/23/95	HOUR	19 MINUTE 0

RELEASE NUMBER	95080	CONTAINMENT PURGE	
STARTING TIME	3/23/95	HOUR 19 MINUTE	0
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	1.7	100.0	-0.2
20	1.3	110.0	0.8
21	1.7	120.0	-0.2
22	2.6	130.0	0.3
23	3.6	140.0	0.6
24	3.5	150.0	0.8
1	1.6	130.0	0.9
2	0.7	125.0	1.9
3	0.8	120.0	2.3
4	0.9	125.0	1.4
5	1.1	130.0	1.2
6	2.0	120.0	1.2
STOPPING TIME	3/24/95	HOUR 5 MINUTE	7

RELEASE NUMBER	95081	CONTAINMENT PURGE	
STARTING TIME	3/24/95	HOUR 5 MINUTE	7
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
5	1.1	130.0	1.2
6	2.0	120.0	1.2
7	4.9	125.0	0.7
8	4.4	130.0	-0.2
9	10.7	130.0	-1.5
10	16.3	135.0	-1.2
11	16.3	130.0	-1.4
12	15.2	150.0	-1.5
13	15.6	140.0	-1.9
14	15.9	130.0	-1.3
15	17.8	130.0	-1.4
16	20.3	140.0	-0.9
17	18.6	140.0	-1.1
18	16.4	140.0	-1.4
19	16.4	135.0	-0.8
20	15.7	135.0	-0.1
STOPPING TIME	3/24/95	HOUR 19 MINUTE	32

RELEASE NUMBER	95082	CONTAINMENT PURGE	
STARTING TIME	3/24/95	HOUR 19 MINUTE 32	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	16.4	135.0	-0.8
20	15.7	135.0	-0.1
21	16.9	130.0	-0.7
22	15.3	135.0	-0.6
23	17.3	135.0	-1.0
24	16.1	140.0	-1.0
1	12.3	135.0	-0.4
2	14.3	135.0	-0.6
3	16.3	130.0	-0.4
4	17.1	135.0	-0.5
STOPPING TIME	3/25/95	HOUR 3 MINUTE 30	

RELEASE NUMBER 95084

CONTAINMENT PURGE

STARTING TIME 3/26/95

HOUR 6 MINUTE 25

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
6	7.2	140.0	-0.4
7	6.7	150.0	-1.0
8	6.7	150.0	-1.4
9	9.8	140.0	-1.4
10	13.7	150.0	-1.2
11	16.3	130.0	-0.8
12	16.5	130.0	-1.0
13	16.1	120.0	-1.1
14	17.0	130.0	-1.3
15	17.0	140.0	-1.1
16	21.3	150.0	-1.1
17	21.2	150.0	-1.3
18	19.4	190.0	-1.0
19	18.8	200.0	-0.7
20	18.4	210.0	-0.5
21	11.6	220.0	-0.7
22	13.3	230.0	-1.3
23	12.6	240.0	-1.0
24	13.1	250.0	-1.3
1	13.8	260.0	-0.9
2	12.2	250.0	-1.6
3	11.1	250.0	-0.8
4	11.4	240.0	-0.7
5	14.1	240.0	-1.5
6	12.1	250.0	-1.1
7	8.2	250.0	-1.0
8	11.2	260.0	-0.9
9	13.0	260.0	-1.1
10	11.8	250.0	-0.4
11	13.8	250.0	-0.5
12	13.2	250.0	-1.3
13	13.1	260.0	-0.8
14	13.2	280.0	-0.8
15	14.5	290.0	-1.2

STOPPING TIME 3/27/95 HOUR 14 MINUTE 30

RELEASE NUMBER	95085	CONTAINMENT PURGE	
STARTING TIME	3/27/95	HOUR 14 MINUTE 30	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
14	13.2	280.0	-0.8
15	14.5	290.0	-1.2
16	13.0	280.0	-0.9
17	13.2	280.0	-1.0
18	12.5	290.0	-1.4
19	11.9	295.0	-0.7
20	10.9	290.0	-0.5
21	10.2	290.0	-0.9
22	10.3	285.0	-1.3
STOPPING TIME	3/27/95	HOUR 21 MINUTE	8

RELEASE NUMBER	95086	CONTAINMENT PURGE	
STARTING TIME	3/27/95	HOUR 21 MINUTE	8
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
21	10.2	290.0	-0.9
22	10.3	285.0	-1.3
23	9.0	280.0	-0.4
24	9.0	290.0	-1.3
1	8.8	300.0	-0.8
2	10.1	300.0	-1.1
3	9.5	300.0	-0.7
4	9.3	310.0	-1.0
5	9.9	310.0	-1.2
6	9.7	310.0	-0.8
7	9.3	310.0	-1.3
8	9.2	325.0	-1.1
STOPPING TIME	3/28/95	HOUR 7 MINUTE	17

RELEASE NUMBER 95087 CONTAINMENT PURGE
STARTING TIME 3/28/95 HOUR 7 MINUTE 17
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
7 9.3 310.0 -1.3
8 9.2 325.0 -1.1
9 8.6 320.0 -1.2
10 8.9 315.0 -1.1
11 9.0 310.0 -1.3
12 9.0 300.0 -2.1
13 9.4 295.0 -0.9
14 9.1 290.0 -1.6
STOPPING TIME 3/28/95 HOUR 13 MINUTE 3

RELEASE NUMBER	95088	CONTAINMENT PURGE	
STARTING TIME	3/29/95	HOUR 17 MINUTE 45	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
17	6.9	290.0	-0.6
18	6.3	320.0	-1.5
19	6.0	330.0	-1.0
20	5.7	335.0	-0.9
STOPPING TIME	3/29/95	HOUR 19 MINUTE 2	

RELEASE NUMBER	95091	CONTAINMENT PURGE	
STARTING TIME	3/30/95	HOUR 1 MINUTE 34	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
1	7.1	310.0	-1.1
2	7.4	315.0	-1.2
3	7.1	320.0	-0.8
4	7.7	310.0	-1.0
5	6.8	310.0	-0.9
6	7.0	330.0	-1.1
7	6.4	320.0	-0.6
8	6.9	320.0	-1.0
9	4.7	310.0	-1.2
10	4.2	315.0	-1.2
STOPPING TIME	3/30/95	HOUR 9 MINUTE 48	

RELEASE NUMBER	95092	CONTAINMENT PURGE	
STARTING TIME	3/30/95	HOUR	9 MINUTE 48
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
9	4.7	310.0	-1.2
10	4.2	315.0	-1.2
11	4.6	310.0	-1.4
12	5.6	310.0	-0.9
13	6.3	305.0	-1.6
14	5.9	305.0	-0.9
15	6.8	300.0	-1.2
16	7.1	330.0	-1.4
17	6.6	330.0	-1.1
18	6.9	340.0	-1.3
19	4.6	350.0	-1.2
20	2.9	350.0	-0.4
21	1.9	350.0	-0.6
22	1.5	340.0	-0.8
23	1.4	300.0	0.4
STOPPING TIME	3/30/95	HOUR	22 MINUTE 45

RELEASE NUMBER	95093	CONTAINMENT PURGE	
STARTING TIME	3/30/95	HOUR 22 MINUTE 45	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
22	1.5	340.0	-0.8
23	1.4	300.0	0.4
24	1.4	270.0	0.5
1	1.7	180.0	-0.5
2	2.3	160.0	-0.1
3	2.0	140.0	-0.1
4	1.9	130.0	0.3
5	1.9	120.0	1.4
6	1.6	100.0	1.7
7	1.3	120.0	1.5
8	1.2	200.0	0.7
9	2.5	230.0	-1.4
STOPPING TIME	3/31/95	HOUR 8 MINUTE 35	

RELEASE NUMBER	95094	CONTAINMENT PURGE	
STARTING TIME	3/31/95	HOUR 8 MINUTE 35	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
8	1.2	200.0	0.7
9	2.5	230.0	-1.4
10	2.4	240.0	-1.1
11	3.3	260.0	-1.6
12	2.7	270.0	-1.2
13	4.4	260.0	-1.1
14	3.2	255.0	-0.9
15	4.0	250.0	-2.1
16	3.1	250.0	-1.2
17	3.1	100.0	-1.4
18	2.0	50.0	-1.7
19	1.5	60.0	-1.6
20	1.1	65.0	0.0
21	1.3	70.0	-0.2
STOPPING TIME	3/31/95	HOUR 20 MINUTE 9	

RELEASE NUMBER	95095	CONTAINMENT PURGE	
STARTING TIME	3/31/95	HOUR 20 MINUTE	9
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
20	1.1	65.0	0.0
21	1.3	70.0	-0.2
22	2.9	100.0	0.5
23	3.4	130.0	1.1
24	1.9	130.0	1.3
1	3.0	140.0	1.5
2	4.2	140.0	1.5
3	4.2	120.0	1.5
4	3.6	140.0	1.5
5	1.8	100.0	1.5
6	3.0	330.0	1.5
7	3.0	40.0	1.5
8	0.6	360.0	-1.7
9	3.0	350.0	-1.5
10	3.0	260.0	-1.7
11	3.0	270.0	-1.7
12	4.2	330.0	-1.5
13	9.0	290.0	-0.5
14	9.0	280.0	-0.5
15	12.0	300.0	-0.5
16	9.0	310.0	-0.5
17	9.0	280.0	-0.5
18	10.2	290.0	-0.5
19	7.2	330.0	-0.5
20	4.8	340.0	1.5
21	3.0	350.0	4.0
22	3.0	90.0	4.0
23	3.6	120.0	1.5
24	4.2	140.0	1.5
1	3.6	150.0	1.5
2	3.0	140.0	4.0
3	4.2	160.0	1.5
STOPPING TIME	4/ 2/95	HOUR 2 MINUTE	50

RELEASE NUMBER	95096	CONTAINMENT PURGE	
STARTING TIME	4/ 2/95	HOUR 2 MINUTE 50	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
2	3.0	140.0	4.0
3	4.2	160.0	1.5
4	4.8	150.0	1.5
5	4.2	160.0	1.5
6	4.2	160.0	1.5
7	4.8	160.0	1.5
8	4.8	140.0	-0.5
9	8.4	170.0	-0.5
10	7.8	160.0	-0.5
11	8.4	180.0	-0.5
12	9.0	180.0	-0.5
13	9.0	190.0	-0.5
14	12.6	220.0	-0.5
15	17.4	230.0	-0.5
16	13.8	240.0	-0.5
17	18.0	230.0	-0.5
18	14.4	230.0	-0.5
19	15.0	340.0	-0.5
20	13.8	350.0	-0.5
21	9.0	340.0	-0.5
22	9.0	350.0	-0.5
23	9.6	360.0	-0.5
24	5.4	20.0	-0.5
1	4.8	360.0	-0.5
2	4.8	10.0	-0.5
3	0.6	360.0	-0.5
4	3.6	140.0	1.5
STOPPING TIME	4/ 3/95	HOUR 3 MINUTE 44	

RELEASE NUMBER	95097	CONTAINMENT PURGE	
STARTING TIME	4/ 3/95	HOUR 3 MINUTE 44	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
3	0.6	360.0	-0.5
4	3.6	140.0	1.5
5	3.0	360.0	1.5
6	3.6	360.0	1.5
7	0.6	360.0	4.0
8	1.8	60.0	-1.5
9	1.8	350.0	-1.5
10	3.6	310.0	-1.5
11	5.4	300.0	-1.5
12	7.2	280.0	-0.5
13	10.8	280.0	-0.5
14	13.8	280.0	-0.5
15	14.4	300.0	-0.5
16	13.8	300.0	-0.5
STOPPING TIME	4/ 3/95	HOUR 15 MINUTE 44	

RELEASE NUMBER	95098	CONTAINMENT PURGE	
STARTING TIME	4/ 3/95	HOUR 15 MINUTE 44	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
15	14.4	300.0	-0.5
16	13.8	300.0	-0.5
17	19.8	340.0	-0.5
18	19.8	340.0	-0.5
19	19.8	350.0	-0.5
20	15.6	350.0	-0.5
21	15.6	360.0	-0.5
22	13.8	350.0	-0.5
23	12.0	350.0	-0.5
24	8.4	360.0	-0.5
1	8.4	20.0	-0.5
2	7.2	20.0	-0.5
STOPPING TIME	4/ 4/95	HOUR 1 MINUTE 17	

RELEASE NUMBER	95099	CONTAINMENT PURGE	
STARTING TIME	4/ 4/95	HOUR	1 MINUTE 17
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
1	8.4	20.0	-0.5
2	7.2	20.0	-0.5
3	4.8	20.0	1.5
4	4.8	20.0	1.5
5	7.2	20.0	-0.5
6	7.2	10.0	-0.5
7	7.8	30.0	-0.5
8	7.2	20.0	-0.5
9	9.0	10.0	-0.5
10	5.4	360.0	-0.5
11	5.4	360.0	-0.5
12	4.2	40.0	-0.5
13	3.0	100.0	-0.5
14	4.2	240.0	-0.5
15	3.0	300.0	-0.5
STOPPING TIME	4/ 4/95	HOUR	14 MINUTE 52

RELEASE NUMBER 95100 CONTAINMENT PURGE
STARTING TIME 4/ 4/95 HOUR 14 MINUTE 52
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
14 4.2 240.0 -0.5
15 3.0 300.0 -0.5
16 3.0 270.0 -0.5
17 3.6 360.0 -0.5
18 4.8 350.0 -0.5
19 4.2 340.0 -0.5
20 0.6 360.0 4.0
21 5.4 140.0 -0.5
22 6.0 140.0 -0.5
23 5.4 130.0 -0.5
24 7.2 130.0 -0.5
STOPPING TIME 4/ 4/95 HOUR 23 MINUTE 2

RELEASE NUMBER	95101	CONTAINMENT PURGE	
STARTING TIME	4/ 6/95	HOUR 3 MINUTE 11	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
3	3.6	320.0	-0.5
4	6.0	340.0	-0.5
5	4.2	350.0	-0.5
6	4.2	360.0	-0.5
7	3.6	10.0	-0.5
8	3.6	300.0	-0.5
9	1.8	330.0	-1.7
10	6.0	60.0	-0.5
11	5.4	60.0	-1.5
12	9.0	50.0	-0.5
STOPPING TIME	4/ 6/95	HOUR 11 MINUTE 30	

RELEASE NUMBER 95102 CONTAINMENT PURGE
STARTING TIME 4/ 6/95 HOUR 13 MINUTE 18

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	7.2	50.0	-0.5
14	4.2	80.0	-1.5
15	6.0	60.0	-0.5
16	4.8	40.0	-1.5
17	3.6	70.0	-1.5
18	3.6	90.0	-1.5
19	6.0	150.0	-0.5
20	5.4	70.0	-0.5
21	4.8	70.0	-0.5
22	5.4	90.0	-0.5
23	7.8	110.0	-0.5
24	8.4	110.0	-0.5
1	8.4	120.0	-0.5
2	7.2	130.0	-0.5
3	5.4	130.0	-0.5
4	4.8	140.0	-0.5
5	7.2	130.0	-0.5
6	4.2	90.0	-0.5
7	8.4	130.0	-0.5
8	8.4	150.0	-0.5
9	10.8	160.0	-0.5
10	6.0	170.0	-0.5
11	8.4	150.0	-0.5
12	6.0	230.0	-0.5
13	8.4	160.0	-0.5
14	6.0	150.0	-0.5
15	4.2	340.0	-1.5
16	4.2	320.0	-0.5
17	3.6	40.0	-0.5
18	3.6	50.0	-0.5
19	3.6	330.0	-0.5
20	5.4	10.0	-0.5
21	3.6	310.0	-0.5
22	4.8	310.0	-0.5
23	4.2	360.0	1.5
24	5.4	360.0	-0.5
1	4.8	20.0	1.5
2	4.8	20.0	-0.5
3	4.8	20.0	-0.5
4	5.4	360.0	-0.5
5	4.2	10.0	-0.5
6	4.8	50.0	-0.5
7	6.0	70.0	-0.5
8	5.4	10.0	-0.5
9	7.8	30.0	-0.5
10	9.6	60.0	-0.5
11	9.0	50.0	-0.5
12	6.0	50.0	-0.5
13	7.8	70.0	-0.5
14	9.6	70.0	-0.5

15	9.0	60.0	-0.5
16	7.8	60.0	-0.5
17	7.8	60.0	-0.5
18	7.2	60.0	-0.5
19	5.4	20.0	-0.5
20	10.8	20.0	-0.5
21	12.6	30.0	-0.5
22	8.4	50.0	-0.5
23	15.6	80.0	-0.5
24	12.0	360.0	-0.5
1	9.0	10.0	-0.5
2	9.0	40.0	-0.5
3	8.4	30.0	-0.5
4	9.0	50.0	-0.5
5	12.6	40.0	-0.5
6	12.0	70.0	-0.5
7	10.8	50.0	-0.5
8	9.0	50.0	-0.5
9	10.8	70.0	-0.5
STOPPING TIME	4/ 9/95	HOUR	8 MINUTE 37

STARTING TIME 4/ 9/95 HOUR 8 MINUTE 47

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
8	9.0	50.0	-0.5
9	10.8	70.0	-0.5
10	7.2	60.0	-0.5
11	6.0	40.0	-0.5
12	10.8	80.0	-0.5
13	12.6	60.0	-0.5
14	9.6	60.0	-0.5
15	12.0	70.0	-0.5
16	8.4	70.0	-0.5
17	9.0	70.0	-0.5
18	7.8	30.0	-0.5
19	8.4	50.0	-0.5
20	9.0	50.0	-0.5
21	8.4	50.0	-0.5
22	5.4	50.0	-0.5
23	7.8	40.0	-0.5
24	9.0	40.0	-0.5
1	7.8	50.0	-0.5
2	7.8	70.0	-0.5
3	9.0	40.0	-0.5
STOPPING TIME	4/10/95	HOUR	2 MINUTE 16

RELEASE NUMBER	95103	CONTAINMENT PURGE	
STARTING TIME	4/12/95	HOUR 14 MINUTE 47	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
14	13.8	310.0	-0.5
15	10.8	310.0	-0.5
16	15.6	320.0	-0.5
17	18.0	320.0	-0.5
18	16.8	310.0	-0.5
19	15.6	320.0	-0.5
20	15.6	320.0	-0.5
21	8.4	320.0	-0.5
22	7.8	320.0	-0.5
23	4.8	310.0	1.5
24	4.8	310.0	1.5
1	0.6	360.0	4.0
2	1.8	30.0	4.0
3	0.6	360.0	4.0
4	3.6	120.0	1.5
5	3.6	110.0	1.5
STOPPING TIME	4/13/95	HOUR 4 MINUTE 30	

RELEASE NUMBER 95104

CONTAINMENT PURGE

STARTING TIME 4/13/95

HOUR 9 MINUTE 20

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
9	1.8	130.0	-1.5
10	1.8	270.0	-1.7
11	3.6	60.0	-1.7
12	4.2	150.0	-1.5
13	4.8	140.0	-1.5
14	5.4	190.0	-1.5
15	5.4	190.0	-1.5
16	6.0	160.0	-0.5
17	7.2	160.0	-0.5
18	8.4	160.0	-0.5
19	7.2	170.0	-0.5
20	4.8	150.0	-0.5
21	6.0	140.0	-0.5
22	7.2	140.0	-0.5
23	7.2	140.0	-0.5
24	6.0	140.0	-0.5
1	7.2	130.0	-0.5
2	7.8	130.0	-0.5
3	8.4	130.0	-0.5
4	7.2	130.0	-0.5
5	8.4	140.0	-0.5
6	9.0	150.0	-0.5
7	9.0	140.0	-0.5
8	9.6	150.0	-0.5
9	9.6	150.0	-0.5
10	12.6	150.0	-0.5
11	10.2	150.0	-0.5
12	12.6	150.0	-0.5
13	10.2	140.0	-0.5
14	13.2	140.0	-0.5
15	13.8	140.0	-0.5
16	14.4	150.0	-0.5
17	14.4	140.0	-0.5
18	13.8	130.0	-0.5
19	13.8	130.0	-0.5
20	9.0	140.0	-0.5
21	12.0	140.0	-0.5
22	13.2	140.0	-0.5
23	14.4	150.0	-0.5
24	15.6	150.0	-0.5
1	13.2	150.0	-0.5
2	15.0	160.0	-0.5
3	10.8	210.0	-0.5
4	7.2	240.0	-0.5
5	6.0	230.0	-0.5
6	8.4	230.0	-0.5
7	5.4	220.0	-0.5
8	8.4	230.0	-0.5

STOPPING TIME 4/15/95 HOUR 7 MINUTE 30

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RELEASE NUMBER 95105 CONTAINMENT PURGE

STARTING TIME 4/15/95 HOUR 16 MINUTE 56

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	13.2	290.0	-0.5
17	10.2	280.0	-0.5
18	7.2	270.0	-0.5
19	8.4	290.0	-0.5
20	5.4	310.0	-0.5
21	5.4	360.0	-0.5
22	5.4	350.0	-0.5
23	3.6	330.0	1.5
24	0.6	10.0	4.0
1	3.6	360.0	1.5
2	3.0	350.0	4.0
3	3.6	340.0	1.5
4	3.0	320.0	4.0
5	3.6	350.0	-0.5
6	4.2	10.0	-0.5
7	6.0	10.0	-0.5
8	3.6	20.0	-0.5
9	4.2	30.0	-0.5
10	4.8	10.0	-0.5
11	4.2	310.0	-0.5
12	4.8	20.0	-0.5
13	4.2	20.0	-0.5
14	7.8	20.0	-0.5
15	10.8	360.0	-0.5
16	13.8	350.0	-0.5
17	12.6	360.0	-0.5
18	9.0	360.0	-0.5
19	8.4	360.0	-0.5
20	9.0	360.0	-0.5
21	7.8	360.0	-0.5
22	5.4	360.0	-0.5
23	7.8	360.0	-0.5
24	8.4	360.0	-0.5
1	5.4	350.0	-0.5
2	7.2	360.0	-0.5
3	4.8	360.0	-0.5
4	4.8	360.0	-0.5
5	4.2	10.0	-0.5
6	4.8	20.0	-0.5
7	6.0	30.0	-0.5
8	6.0	40.0	-0.5
9	3.0	40.0	-0.5
10	1.8	30.0	-0.5
11	7.8	40.0	-0.5
STOPPING TIME	4/17/95		HOUR 10 MINUTE 40

RELEASE NUMBER	95106	CONTAINMENT PURGE	
STARTING TIME	4/20/95	HOUR 9 MINUTE 41	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
9	10.8	80.0	-0.5
10	9.0	80.0	-0.5
11	7.2	80.0	-0.5
12	6.0	90.0	-0.5
13	5.4	100.0	-0.5
14	4.8	100.0	-0.5
15	3.6	340.0	-1.5
16	5.4	330.0	-0.5
17	6.0	330.0	-0.5
18	8.4	330.0	-0.5
19	9.6	320.0	-0.5
20	8.4	330.0	-0.5
21	9.0	330.0	-0.5
22	7.2	330.0	-0.5
23	7.2	340.0	-0.5
24	7.8	340.0	-0.5
1	7.2	330.0	-0.5
2	7.8	330.0	-0.5
3	7.8	320.0	-0.5
4	7.8	320.0	-0.5
5	7.2	310.0	-0.5
6	7.8	330.0	-0.5
7	9.0	330.0	-0.5
8	7.8	330.0	-0.5
9	6.0	330.0	-0.5
STOPPING TIME	4/21/95	HOUR 8 MINUTE 30	

RELEASE NUMBER 95107

CONTAINMENT PURGE

STARTING TIME 4/21/95

HOUR 14 MINUTE 12

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	8.4	340.0	-0.5
15	7.8	350.0	-0.5
16	7.2	360.0	-0.5
17	7.2	360.0	-0.5
18	5.4	350.0	-0.5
19	3.6	330.0	-1.5
20	3.0	330.0	4.0
21	1.8	330.0	4.0
22	1.2	110.0	4.0
23	0.6	110.0	4.0
24	0.6	360.0	4.0
1	0.6	360.0	4.0
2	0.6	60.0	4.0
3	1.8	310.0	4.0
4	4.2	350.0	1.5
5	5.4	360.0	1.5
6	4.8	360.0	1.5
7	4.2	340.0	1.5
8	1.8	330.0	-1.5
9	6.0	360.0	-1.5
10	6.0	360.0	-1.5
11	10.2	350.0	-0.5
12	8.4	330.0	-0.5
13	9.0	350.0	-0.5
14	9.0	360.0	-0.5
15	9.0	30.0	-0.5
16	9.6	60.0	-0.5
17	4.8	110.0	-0.5
18	5.4	40.0	-0.5
19	5.4	40.0	-0.5
20	3.6	30.0	-0.5
21	4.2	30.0	-0.5
22	4.2	70.0	-0.5
23	4.2	60.0	-0.5
24	3.6	350.0	-0.5
1	4.8	310.0	-0.5
2	4.8	320.0	-0.5
3	5.4	330.0	-0.5
4	4.8	340.0	-0.5
5	5.4	340.0	-0.5
6	4.8	350.0	-0.5
7	4.2	350.0	-0.5
8	4.8	350.0	-1.5
9	3.6	350.0	-1.5
10	3.6	340.0	-1.7
11	3.6	340.0	-1.7
12	4.2	350.0	-1.7
13	4.8	240.0	-1.7
14	5.4	240.0	-1.7
15	4.2	210.0	-1.7

16	1.8	280.0	-1.7
17	3.6	340.0	-1.7
18	5.4	270.0	-1.5
19	3.6	310.0	1.5
20	3.6	220.0	1.5
21	4.2	150.0	1.5
22	4.2	190.0	-0.5
23	5.4	320.0	-0.5
24	3.0	310.0	-0.5
1	4.2	300.0	-0.5

STOPPING TIME 4/24/95 HOUR 0 MINUTE 1

RELEASE NUMBER 95108

CONTAINMENT PURGE

STARTING TIME 4/27/95

HOUR 11 MINUTE 5

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
11	7.8	290.0	-0.5
12	10.8	290.0	-0.5
13	9.0	280.0	-0.5
14	12.0	290.0	-0.5
15	8.4	270.0	-0.5
16	9.6	270.0	-0.5
17	7.2	300.0	-0.5
18	7.8	290.0	-0.5
19	7.2	280.0	-0.5
20	3.0	270.0	4.0
21	3.6	170.0	1.5
22	3.0	130.0	4.0
23	3.0	130.0	4.0
24	3.0	150.0	4.0
1	3.0	140.0	4.0
2	3.6	130.0	1.5
3	4.2	160.0	1.5
4	4.2	160.0	1.5
5	4.8	160.0	1.5
6	4.8	170.0	1.5
7	4.8	160.0	1.5
8	5.4	170.0	-0.5
9	5.4	160.0	-0.5
10	4.8	170.0	-1.5
11	4.2	170.0	-1.5
12	4.8	180.0	-1.5
13	4.8	170.0	-1.5
14	6.0	160.0	-0.5
15	10.2	180.0	-0.5
16	12.6	170.0	-0.5
17	10.2	170.0	-0.5
18	7.8	150.0	-0.5
19	8.4	140.0	-0.5
20	8.4	140.0	-0.5
21	7.2	140.0	-0.5
22	7.2	140.0	-0.5
23	6.0	140.0	-0.5
24	7.2	140.0	-0.5
1	8.4	135.0	-0.5
2	7.2	135.0	-0.5
3	6.0	135.0	-0.5
4	5.4	135.0	-0.5
5	5.4	90.0	-0.5
6	4.2	90.0	-0.5
7	7.2	135.0	-0.5
8	3.0	135.0	-0.5
9	4.8	135.0	-0.5

STOPPING TIME 4/29/95 HOUR 8 MINUTE 41

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RELEASE NUMBER 95109

CONTAINMENT PURGE

STARTING TIME 5/ 3/95

HOUR 16 MINUTE 11

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	5.4	120.0	-0.5
17	5.4	120.0	-0.5
18	6.0	120.0	-0.5
19	6.0	120.0	-0.5
20	6.0	120.0	-0.5
21	6.0	140.0	-0.5
22	5.4	130.0	-0.5
23	6.0	130.0	-0.5
24	4.8	130.0	-0.5
1	4.2	130.0	-0.5
2	4.2	130.0	-0.5
3	4.2	120.0	-0.5
4	4.2	120.0	-0.5
5	4.2	100.0	-0.5
6	3.6	110.0	-0.5
7	3.0	90.0	-0.5
8	3.0	80.0	-0.5
9	3.0	90.0	-0.5
10	3.0	70.0	-0.5
11	4.2	100.0	-1.5
12	4.2	70.0	-1.5
13	3.6	40.0	-1.5
14	4.8	360.0	-0.5
15	4.8	360.0	-0.5
16	4.8	350.0	-0.5
17	4.2	360.0	-0.5
18	5.4	360.0	-0.5
19	4.8	360.0	-0.5
20	4.2	360.0	-0.5
21	3.6	350.0	-0.5
22	1.8	340.0	-0.5
23	0.6	360.0	-0.5
24	0.6	360.0	4.0
1	0.6	360.0	4.0
2	0.6	360.0	-0.5
3	1.8	360.0	-0.5
4	0.6	360.0	-0.5
5	0.6	360.0	-0.5
6	0.6	360.0	-0.5
7	0.6	360.0	-0.5
8	0.6	360.0	-1.5
9	0.6	360.0	-1.5
10	0.6	360.0	-1.5
11	1.8	210.0	-1.7
12	4.2	190.0	-1.5
13	3.6	240.0	-1.7
14	4.2	170.0	-1.5
15	3.0	190.0	-1.7
16	4.2	240.0	-1.5
17	3.0	190.0	-1.5

18	3.6	190.0	-1.5
19	4.8	170.0	-0.5
20	4.2	160.0	-0.5
21	3.6	140.0	-0.5
22	3.6	130.0	-0.5
23	3.6	130.0	-0.5
24	4.8	120.0	-0.5
1	3.6	170.0	-0.5
2	3.6	170.0	-0.5
3	3.0	140.0	-0.5
4	3.0	170.0	-0.5
5	3.6	140.0	-0.5
6	4.8	130.0	-0.5
7	4.2	130.0	-0.5
8	4.8	130.0	-0.5
9	7.8	140.0	-0.5
10	5.4	150.0	-0.5
11	5.4	140.0	-0.5
12	9.0	140.0	-0.5
13	9.0	150.0	-0.5
14	10.8	140.0	-0.5
15	12.6	130.0	-0.5
16	15.6	140.0	-0.5
17	13.8	150.0	-0.5
18	12.6	150.0	-0.5
19	8.4	160.0	-0.5
20	8.4	170.0	-0.5
21	6.0	180.0	-0.5
22	7.2	160.0	-0.5
23	6.0	170.0	-0.5
24	6.0	180.0	-0.5
1	4.8	140.0	-0.5
2	7.8	130.0	-0.5
3	8.4	150.0	-0.5
4	7.2	140.0	-0.5
5	7.2	140.0	-0.5
6	6.0	150.0	-0.5
7	9.0	150.0	-0.5
8	5.4	140.0	-0.5
9	6.0	130.0	-0.5
10	5.4	120.0	-0.5
11	7.2	140.0	-0.5
12	6.0	130.0	-0.5
13	7.2	130.0	-0.5
14	3.0	130.0	-1.5
15	3.6	90.0	-1.5
16	3.6	50.0	-0.5
17	7.2	90.0	-0.5
18	4.8	70.0	-0.5
19	7.2	90.0	-0.5
20	9.0	110.0	-0.5
21	9.6	120.0	-0.5
22	9.6	120.0	-0.5
23	10.2	110.0	-0.5
24	8.4	130.0	-0.5
1	12.0	130.0	-0.5

2	9.0	120.0	-0.5
3	9.6	130.0	-0.5
4	7.2	130.0	-0.5
5	8.4	150.0	-0.5
6	7.2	130.0	-0.5

STOPPING TIME 5/ 8/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95110 CONTAINMENT PURGE

STARTING TIME 5/10/95 HOUR 9 MINUTE 0

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
9	12.0	350.0	-0.5
10	10.2	350.0	-0.5
11	8.4	330.0	-0.5
12	8.4	330.0	-0.5
13	9.6	340.0	-0.5
14	8.4	360.0	-0.5

STOPPING TIME 5/10/95 HOUR 13 MINUTE 5

STARTING TIME 5/10/95 HOUR 13 MINUTE 35

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	9.6	340.0	-0.5
14	8.4	360.0	-0.5
15	8.4	340.0	-0.5
16	6.0	350.0	-0.5
17	8.4	330.0	-0.5
18	7.2	340.0	-0.5
19	7.8	320.0	-0.5
20	5.4	330.0	-0.5
21	6.0	340.0	-0.5
22	5.4	330.0	-0.5
23	4.8	330.0	-0.5
24	4.2	320.0	-0.5
1	4.2	330.0	-0.5
2	4.2	330.0	-0.5
3	5.4	330.0	-0.5
4	4.2	320.0	-0.5
5	4.2	320.0	-0.5
6	4.2	330.0	-0.5
7	4.8	330.0	-0.5
8	4.8	330.0	-0.5
9	4.8	340.0	-0.5
10	4.8	360.0	-0.5
11	3.6	330.0	-1.5
12	3.0	250.0	-1.5
13	1.8	90.0	-1.5
14	3.6	220.0	-1.5
15	4.2	250.0	-0.5
16	4.8	220.0	-0.5
17	6.0	200.0	-0.5
18	5.4	180.0	-0.5
19	4.8	220.0	-0.5
20	4.2	180.0	1.5
21	4.2	170.0	1.5
22	4.2	130.0	1.5
23	3.6	160.0	1.5

24	4.8	150.0	1.5
1	3.0	170.0	4.0
2	3.0	180.0	4.0
3	4.2	160.0	1.5
4	4.8	140.0	1.5
5	4.8	160.0	1.5
6	4.2	160.0	1.5
7	4.8	150.0	1.5
8	8.4	180.0	-0.5
9	9.0	170.0	-0.5
10	9.0	150.0	-0.5
11	10.2	150.0	-0.5
12	9.6	150.0	-0.5
13	12.6	130.0	-0.5
14	8.4	140.0	-0.5
15	9.6	140.0	-0.5
16	10.2	110.0	-0.5
17	7.2	110.0	-0.5
18	6.0	130.0	-0.5
19	5.4	160.0	-0.5
20	13.2	140.0	-0.5
21	12.6	140.0	-0.5
22	10.2	140.0	-0.5
23	16.8	140.0	-0.5
24	13.8	140.0	-0.5
1	5.4	130.0	-0.5
2	4.8	330.0	-0.5
3	9.6	170.0	-0.5
4	6.0	310.0	-0.5
5	3.0	330.0	-0.5
6	0.6	360.0	-0.5
7	3.0	310.0	-0.5
8	1.8	280.0	-0.5
9	7.8	160.0	-0.5
10	4.8	180.0	-0.5
11	3.6	180.0	-0.5
12	8.4	220.0	-0.5
13	12.0	230.0	-0.5
14	14.4	270.0	-0.5
15	19.2	260.0	-0.5
16	21.0	250.0	-0.5
17	23.4	240.0	-0.5
18	18.6	260.0	-0.5
19	19.8	260.0	-0.5
20	18.6	270.0	-0.5
21	13.8	280.0	-0.5
22	13.8	280.0	-0.5
23	13.8	290.0	-0.5
24	13.8	300.0	-0.5
1	15.6	300.0	-0.5
2	9.6	310.0	-0.5
3	10.2	320.0	-0.5
4	10.8	310.0	-0.5
5	9.6	310.0	-0.5
6	9.0	310.0	-0.5
7	7.8	330.0	-0.5

8	8.4	310.0	-0.5
9	9.6	320.0	-0.5
10	8.4	330.0	-0.5
11	7.8	310.0	-0.5
12	9.0	310.0	-0.5
13	10.2	330.0	-0.5
14	10.8	340.0	-0.5
15	10.2	330.0	-0.5
16	7.2	350.0	-0.5
17	9.0	330.0	-0.5
18	5.4	340.0	-1.5
19	7.8	340.0	-0.5
20	6.0	350.0	-0.5
21	3.6	350.0	1.5
22	1.8	350.0	4.0
23	0.6	360.0	4.0

STOPPING TIME 5/14/95 HOUR 22 MINUTE 4

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	9.0	10.0	-0.5
15	7.8	40.0	-0.5
16	10.2	40.0	-0.5
17	9.6	360.0	-0.5
18	9.6	360.0	-0.5
19	5.4	360.0	1.5
20	4.8	360.0	1.5
21	4.2	340.0	1.5
22	7.2	80.0	-0.5
23	1.8	180.0	4.0
24	1.8	100.0	4.0
1	3.6	150.0	1.5
2	0.6	150.0	4.0
3	3.0	150.0	4.0
4	3.0	120.0	4.0
5	3.0	140.0	4.0
6	3.0	160.0	4.0
7	4.2	160.0	1.5
8	4.2	160.0	-0.5
9	4.8	150.0	-1.5
10	5.4	170.0	-1.5
11	5.4	170.0	-1.5
12	7.8	220.0	-1.5
13	9.6	220.0	-1.5
14	9.6	230.0	-1.5
15	7.8	210.0	-0.5
16	10.2	230.0	-0.5
17	7.8	230.0	-0.5
18	10.2	200.0	-0.5
19	8.4	230.0	-0.5
20	7.8	270.0	-0.5
21	4.2	40.0	-0.5
22	7.2	290.0	-0.5
23	4.2	250.0	-0.5
24	1.8	70.0	1.5
1	4.8	350.0	-0.5
2	3.6	360.0	1.5
3	8.4	340.0	-0.5
4	10.2	350.0	-0.5
5	9.0	350.0	-0.5
6	7.8	340.0	-0.5
7	7.2	350.0	-0.5
8	8.4	360.0	-0.5
9	9.6	350.0	-0.5
10	10.2	360.0	-0.5
11	9.6	360.0	-0.5
12	8.4	350.0	-0.5
13	7.2	350.0	-0.5
14	7.2	330.0	-0.5
15	7.2	320.0	-0.5

16	4.8	310.0	-0.5
17	5.4	310.0	-0.5
18	5.4	300.0	-0.5
19	4.2	300.0	-0.5
20	5.4	310.0	-0.5
21	4.8	280.0	-0.5
22	6.0	290.0	-0.5
23	4.2	310.0	-0.5
24	3.6	360.0	1.5
1	3.6	360.0	1.5
2	3.0	350.0	4.0
3	0.6	360.0	4.0
4	0.6	360.0	4.0
5	0.6	360.0	4.0
6	0.6	360.0	4.0
7	0.6	360.0	4.0
8	0.6	360.0	-1.7
9	0.6	360.0	-1.7
10	1.8	80.0	-1.7
11	7.8	150.0	-0.5
12	7.8	170.0	-0.5
13	6.0	160.0	-0.5
14	4.8	160.0	-0.5
15	5.4	220.0	-0.5
16	7.8	160.0	-0.5
17	7.8	140.0	-0.5
18	7.2	180.0	-0.5
19	7.2	150.0	-0.5
20	4.8	180.0	1.5
STOPPING TIME		5/21/95	HOUR 19 MINUTE 55

RELEASE NUMBER 95112 CONTAINMENT PURGE

STARTING TIME 5/24/95 HOUR 12 MINUTE 20

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
12	8.4	30.0	-0.5
13	9.0	30.0	-0.5
14	9.6	20.0	-0.5
15	7.2	40.0	-0.5
16	7.8	50.0	-0.5
17	7.2	50.0	-0.5
18	4.2	40.0	-0.5
19	3.6	110.0	-0.5
20	3.0	80.0	1.5
21	3.0	80.0	1.5
22	1.8	340.0	4.0
23	0.6	360.0	4.0
24	0.6	360.0	4.0
1	0.7	360.0	2.1
2	1.2	360.0	2.7
3	1.4	360.0	2.8
4	1.0	360.0	3.2
5	0.8	10.0	2.0
6	0.8	10.0	2.2
7	1.0	30.0	3.2
8	1.1	40.0	2.0
9	1.7	100.0	1.3

STOPPING TIME 5/25/95 HOUR 8 MINUTE 18

STARTING TIME 5/25/95 HOUR 8 MINUTE 58

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
8	1.1	40.0	2.0
9	1.7	100.0	1.3
10	2.2	90.0	1.2
11	3.6	80.0	1.5
12	5.3	70.0	0.4
13	5.2	80.0	-1.5
14	6.7	90.0	-1.6
15	6.7	110.0	-1.6
16	7.5	110.0	-1.5
17	7.7	100.0	-1.5
18	9.6	100.0	-1.6
19	8.9	105.0	-1.3
20	8.9	105.0	-1.2
21	6.0	110.0	-0.4
22	3.2	105.0	0.7
23	3.2	105.0	1.0
24	3.3	110.0	1.2
1	3.2	115.0	1.1
2	2.5	115.0	0.8

3	1.4	110.0	0.9
4	1.1	120.0	0.9
5	2.9	125.0	0.5
6	4.1	130.0	0.1
7	5.8	125.0	-0.4
8	6.5	125.0	-0.9
9	8.7	120.0	-1.3
10	5.3	115.0	-1.2
11	5.1	115.0	-0.9
12	5.9	110.0	-0.8
13	5.5	110.0	-0.9
14	9.4	105.0	-1.0
15	12.4	100.0	-1.0
16	14.1	100.0	-0.9
17	15.0	120.0	-0.9
18	14.6	120.0	-1.0
19	14.6	115.0	-1.0
20	12.3	125.0	-1.0
21	12.9	130.0	-0.9
22	8.6	125.0	-0.9
23	9.8	125.0	-1.0
24	10.5	120.0	-0.9
1	6.0	120.0	-0.5
2	7.2	120.0	-0.5
3	7.2	100.0	-0.5
4	5.4	80.0	-0.5
5	7.8	80.0	-0.5
6	5.4	100.0	-0.5
7	9.0	80.0	-0.5
8	12.0	70.0	-0.5
9	8.4	70.0	-0.5
10	13.8	80.0	-1.5
11	10.2	130.0	-1.5
12	8.4	150.0	-1.5
13	8.4	160.0	-1.5
14	12.6	150.0	-1.5
15	12.6	140.0	-1.5
16	15.0	150.0	-1.5
17	12.6	130.0	-0.5
18	14.4	130.0	-0.5
19	6.0	150.0	-0.5
20	7.2	160.0	-0.5
21	14.4	200.0	-0.5
22	9.6	210.0	-0.5
23	7.8	220.0	-0.5
24	4.8	140.0	-0.5
1	5.4	150.0	-0.5
2	7.2	190.0	-0.5
3	7.2	210.0	-0.5
4	7.2	240.0	-0.5
5	7.2	270.0	-0.5
6	10.8	270.0	-0.5
7	10.8	280.0	-0.5
8	9.6	290.0	-0.5
9	13.2	290.0	-0.5
10	13.8	290.0	-0.5

11	13.2	290.0	-0.5
12	10.8	310.0	-0.5
13	15.0	310.0	-0.5
14	12.6	310.0	-0.5
15	13.2	310.0	-0.5
16	14.4	320.0	-0.5
17	12.0	300.0	-0.5
18	9.6	320.0	-0.5
19	8.4	330.0	-0.5
20	6.0	310.0	-0.5
21	4.8	310.0	-0.5
22	3.0	330.0	4.0
23	3.0	330.0	4.0
24	4.2	340.0	4.0
1	3.0	310.0	4.0
2	1.2	350.0	4.0
3	1.8	100.0	4.0
4	3.0	110.0	4.0
5	1.2	180.0	4.0
6	3.0	180.0	4.0
7	0.6	270.0	4.0
STOPPING TIME	5/29/95	HOUR	6 MINUTE 6

RELEASE NUMBER		95113	CONTAINMENT PURGE	
STARTING TIME		6/ 1/95	HOUR 13 MINUTE 45	
TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C	
13	1.8	110.0	-1.5	
14	1.2	120.0	-1.7	
15	3.0	80.0	-0.5	
16	1.2	90.0	-1.7	
17	5.4	150.0	-0.5	
18	4.2	310.0	-0.5	
19	3.0	350.0	-1.5	
20	3.0	340.0	-0.5	
21	1.8	30.0	4.0	
22	0.6	30.0	4.0	
23	3.0	30.0	4.0	
24	0.6	30.0	4.0	
1	0.6	10.0	-0.5	
2	1.8	330.0	-0.5	
3	1.8	10.0	-4.0	
4	1.8	280.0	1.5	
5	0.6	300.0	-0.5	
6	0.6	310.0	-0.5	
7	4.2	80.0	-0.5	
8	3.0	270.0	-0.5	
9	3.6	340.0	-0.5	
10	3.6	350.0	-1.7	
11	3.6	10.0	-1.7	
12	1.8	330.0	-1.9	
13	3.6	260.0	-1.7	
14	4.2	90.0	-1.7	
15	3.0	360.0	-1.5	
16	3.0	250.0	-1.7	
17	4.2	360.0	-1.5	
18	3.6	330.0	-1.7	
19	3.6	330.0	-1.7	
20	3.0	320.0	4.0	
21	4.2	50.0	1.5	
22	3.6	70.0	1.5	
23	3.6	170.0	-0.5	
24	0.6	120.0	4.0	
1	3.0	60.0	4.0	
2	1.8	100.0	4.0	
3	0.6	50.0	4.0	
4	3.0	360.0	4.0	
5	0.6	360.0	4.0	
6	3.6	360.0	1.5	
7	1.8	80.0	4.0	
STOPPING TIME		6/ 3/95	HOUR 6 MINUTE 22	

RELEASE NUMBER 95114

CONTAINMENT PURGE

STARTING TIME 6/ 6/95

HOUR 14 MINUTE 21

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	5.4	150.0	-1.5
15	5.4	160.0	-1.5
16	5.4	160.0	-1.5
17	8.4	160.0	-0.5
18	4.2	180.0	-1.5
19	6.0	180.0	-0.5
20	5.4	180.0	-0.5
21	4.2	170.0	1.5
22	3.6	160.0	1.5
23	3.0	160.0	4.0
24	3.6	150.0	1.5
1	1.8	160.0	4.0
2	4.8	150.0	1.5
3	3.0	140.0	4.0
4	0.6	130.0	4.0
5	3.0	130.0	1.5
6	18.6	320.0	-0.5
7	8.4	60.0	-0.5
8	3.6	360.0	-1.5
9	3.0	310.0	-1.5
10	5.4	310.0	-1.5
11	5.4	310.0	-1.5
12	7.2	330.0	-1.5
13	7.2	300.0	-1.5
14	9.0	340.0	-1.5
15	7.2	340.0	-0.5
16	7.8	340.0	-0.5
17	8.4	350.0	-0.5
18	8.4	350.0	-0.5
19	8.4	360.0	-0.5
20	7.2	360.0	-0.5
21	7.2	120.0	-0.5
22	13.2	350.0	-0.5
23	15.0	350.0	-0.5
24	10.8	360.0	-0.5
1	12.0	350.0	-0.5
2	12.0	360.0	-0.5
3	9.0	360.0	-0.5
4	7.8	360.0	-0.5
5	6.0	60.0	-0.5
6	9.0	30.0	-0.5
7	10.2	360.0	-0.5
8	5.4	10.0	-0.5
9	8.4	350.0	-0.5
10	6.0	350.0	-0.5
11	7.2	360.0	-0.5
12	10.2	30.0	-0.5
13	9.0	360.0	-0.5
14	6.0	30.0	-0.5
15	6.0	10.0	-0.5

16	7.8	340.0	-0.5
17	7.8	340.0	-0.5
18	7.2	340.0	-0.5
19	7.8	350.0	-0.5
20	6.0	350.0	-0.5
21	6.0	340.0	-0.5
22	4.8	360.0	-0.5
23	4.2	10.0	-0.5
24	3.6	20.0	-0.5
1	4.2	20.0	-0.5
2	5.4	60.0	-0.5
3	4.2	30.0	-0.5
4	4.8	20.0	-0.5
5	4.8	60.0	-0.5
6	4.2	70.0	-0.5
7	6.0	80.0	-0.5
8	7.2	70.0	-0.5
9	6.0	80.0	-0.5
10	7.8	70.0	-0.5
11	6.0	90.0	-0.5
12	7.8	80.0	-0.5
13	7.2	100.0	-0.5
14	4.8	120.0	-0.5
15	6.0	130.0	-0.5
16	7.2	120.0	-0.5
17	7.2	110.0	-0.5
18	4.8	110.0	-0.5
19	4.8	120.0	-0.5
20	5.4	170.0	-0.5
21	4.2	180.0	-0.5
22	7.2	260.0	-0.5
23	5.4	280.0	-0.5
24	3.6	280.0	-0.5
1	8.4	270.0	-0.5
2	4.2	290.0	1.5
3	4.8	300.0	1.5
4	7.2	300.0	-0.5
5	6.0	310.0	-0.5
6	4.2	280.0	1.5
7	4.2	290.0	1.5
8	7.2	300.0	-0.5
9	8.4	290.0	-0.5
10	10.8	280.0	-0.5
11	8.4	290.0	-0.5
12	10.2	280.0	-0.5
13	8.4	270.0	-0.5
14	12.6	290.0	-0.5
15	10.8	280.0	-0.5
16	12.0	310.0	-0.5
17	13.8	310.0	-0.5
18	13.2	320.0	-0.5
19	10.8	310.0	-0.5
20	10.2	310.0	-0.5
21	5.4	310.0	-0.5
22	5.4	310.0	-0.5
23	4.8	310.0	1.5

24	4.2	330.0	1.5
1	4.2	310.0	1.5
2	3.0	300.0	4.0
3	3.6	300.0	1.5
4	3.6	300.0	1.5
5	3.6	310.0	1.5
6	4.2	280.0	1.5
7	3.6	290.0	1.5
8	4.2	310.0	-1.5
9	5.4	310.0	-1.5
10	4.8	320.0	-1.5
11	4.2	310.0	-1.5
12	6.0	320.0	-1.5
13	8.4	320.0	-1.5
14	5.4	340.0	-1.5
15	6.0	350.0	-1.5
16	5.4	310.0	-1.5
17	6.0	350.0	-0.5
18	7.2	330.0	-0.5
19	7.8	350.0	-0.5
20	4.2	350.0	1.5
21	3.6	350.0	1.5
22	0.6	350.0	4.0
23	0.6	350.0	4.0
24	0.6	350.0	4.0
1	0.6	350.0	4.0
2	0.6	350.0	4.0
3	1.8	350.0	4.0
4	1.8	340.0	4.0
5	1.8	320.0	4.0
6	0.6	320.0	4.0
7	0.6	330.0	4.0
STOPPING TIME		6/12/95	HOUR 6 MINUTE 19

RELEASE NUMBER 95115

CONTAINMENT PURGE

STARTING TIME 6/15/95

HOUR 16 MINUTE 35

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	10.2	130.0	-0.5
17	13.2	140.0	-0.5
18	15.0	140.0	0.0
19	9.0	140.0	-0.5
20	10.2	130.0	-0.5
21	9.0	130.0	-0.5
22	9.0	130.0	-0.5
23	8.4	140.0	-0.5
24	8.4	140.0	-0.5
1	8.4	140.0	-0.5
2	7.8	140.0	-0.5
3	8.4	130.0	-0.5
4	9.0	140.0	-0.5
5	7.2	140.0	-0.5
6	9.6	130.0	-0.5
7	7.8	140.0	-0.5
8	8.4	160.0	-0.5
9	8.4	160.0	-0.5
10	9.0	150.0	-0.5
11	8.4	140.0	-1.5
12	9.0	160.0	-1.5
13	10.2	170.0	-1.5
14	10.2	140.0	-1.5
15	10.2	130.0	-1.5
16	9.0	150.0	-0.5
17	10.2	160.0	-0.5
18	10.2	150.0	-0.5
19	12.6	170.0	-0.5
20	9.0	160.0	1.5
21	7.2	160.0	1.5
22	7.2	150.0	1.5
23	8.4	150.0	1.5
24	10.2	150.0	1.5
1	8.4	140.0	1.5
2	8.4	150.0	1.5
3	7.2	150.0	1.5
4	6.0	150.0	1.5
5	4.2	160.0	1.5
6	4.8	140.0	1.5
7	4.8	150.0	1.5
8	7.2	160.0	-0.5
9	7.2	170.0	-0.5
10	7.8	200.0	-0.5
11	7.8	210.0	-1.5
12	8.4	180.0	-1.5
13	7.2	200.0	-1.5
14	7.2	170.0	-1.5
15	7.8	190.0	-1.5
16	7.8	170.0	-0.5
17	9.0	160.0	-0.5

18	9.0	150.0	-0.5
19	8.4	150.0	-0.5
20	7.8	150.0	1.5
21	7.2	150.0	1.5
22	5.4	150.0	1.5
23	4.8	130.0	1.5
24	5.4	150.0	1.5
1	4.8	150.0	1.5
2	4.2	140.0	1.5
3	4.2	140.0	1.5
4	4.2	140.0	1.5
5	4.2	140.0	1.5
6	3.6	140.0	1.5
7	3.6	140.0	1.5
8	5.4	150.0	-0.5
9	5.4	160.0	-0.5
10	7.8	160.0	-0.5
11	7.8	170.0	-1.5
12	8.4	170.0	-1.5
13	8.4	160.0	-1.5
14	9.6	170.0	-1.5
15	9.6	140.0	-1.5
16	9.6	160.0	-0.5
17	8.4	150.0	-0.5
18	9.6	150.0	-0.5
19	9.0	140.0	-0.5
20	7.2	150.0	1.5
21	5.4	150.0	1.5
22	5.4	130.0	1.5
23	5.4	140.0	1.5
24	4.8	150.0	1.5
1	4.2	130.0	1.5
2	4.2	140.0	1.5
3	4.2	130.0	1.5
4	4.2	130.0	1.5
5	4.8	120.0	1.5
6	4.8	130.0	1.5
7	4.8	140.0	1.5
STOPPING TIME			6/19/95
			HOUR 6 MINUTE 1

RELEASE NUMBER 95116 CONTAINMENT PURGE
STARTING TIME 6/22/95 HOUR 13 MINUTE 22

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	4.8	150.0	-1.5
14	4.2	180.0	-1.7
15	6.0	100.0	-1.5
16	7.8	130.0	-0.5
17	7.8	120.0	-0.5
18	7.2	140.0	-0.5
19	7.2	140.0	-0.5
20	5.4	120.0	-0.5
21	4.8	130.0	1.5
22	3.6	140.0	1.5
23	7.2	120.0	-0.5
24	6.0	120.0	-0.5
1	4.2	150.0	1.5
2	3.0	110.0	4.0
3	0.6	110.0	4.0
4	1.8	120.0	4.0
5	1.8	120.0	4.0
6	9.0	320.0	-0.5
7	7.2	330.0	-0.5
8	6.0	360.0	-0.5
9	3.0	50.0	-1.5
10	5.4	120.0	-0.5
11	4.8	140.0	-1.5

STOPPING TIME 6/23/95 HOUR 10 MINUTE 10

STARTING TIME 6/23/95 HOUR 11 MINUTE 15

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
11	4.8	140.0	-1.5
12	5.4	240.0	-1.5
13	5.4	300.0	-1.5
14	7.2	340.0	-1.5
15	8.4	330.0	-1.5
16	10.2	320.0	-0.5
17	7.2	320.0	-0.5
18	6.0	310.0	-0.5
19	7.2	10.0	-0.5
20	6.0	350.0	-0.5
21	4.8	350.0	-0.5
22	4.8	320.0	1.5
23	4.8	340.0	1.5
24	5.4	340.0	1.5
1	4.8	320.0	1.5
2	4.8	340.0	-0.5
3	5.4	340.0	-0.5
4	4.8	330.0	-0.5

5	4.8	330.0	-0.5
6	6.0	340.0	-0.5
7	4.8	340.0	-0.5
8	4.8	350.0	-0.5
9	6.0	350.0	-0.5
10	7.8	360.0	-0.5
11	8.4	30.0	-0.5
12	7.8	360.0	-0.5
13	8.4	20.0	-0.5
14	8.4	360.0	-0.5
15	9.6	350.0	-0.5
16	8.4	350.0	-0.5
17	7.2	360.0	-0.5
18	8.4	350.0	-0.5
19	7.2	200.0	-0.5
20	4.8	160.0	-0.5
21	3.6	130.0	-0.5
22	3.0	360.0	-0.5
23	4.8	330.0	-0.5
24	6.0	350.0	-0.5
1	6.0	360.0	-0.5
2	6.0	330.0	-0.5
3	7.8	340.0	-0.5
4	8.4	340.0	-0.5
5	7.2	330.0	-0.5
6	7.8	320.0	-0.5
7	6.0	360.0	-0.5
8	7.8	340.0	-0.5
9	7.2	340.0	-0.5
10	7.8	330.0	-0.5
11	8.4	320.0	-0.5
12	7.8	330.0	-0.5
13	9.6	340.0	-0.5
14	13.8	330.0	-0.5
15	13.2	340.0	-0.5
16	12.6	350.0	-0.5
17	8.4	330.0	-0.5
18	12.6	330.0	-0.5
19	8.4	330.0	-0.5
20	10.2	330.0	-0.5
21	7.8	330.0	-0.5
22	6.0	340.0	-0.5
23	6.0	340.0	-0.5
24	7.2	330.0	-0.5
1	6.0	340.0	-0.5
2	6.0	350.0	-0.5
3	5.4	350.0	-0.5
4	6.0	330.0	-0.5
5	4.8	340.0	-0.5
6	6.0	340.0	-0.5
7	6.0	330.0	-0.5
STOPPING TIME	6/26/95	HOUR	6 MINUTE 8

RELEASE NUMBER 95117

CONTAINMENT PURGE

STARTING TIME 6/29/95

HOUR 14 MINUTE 20

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	9.6	340.0	-1.5
15	7.8	340.0	-0.5
16	10.2	330.0	-0.5
17	10.2	330.0	-0.5
18	10.2	330.0	-0.5
19	10.8	340.0	-0.5
20	7.2	330.0	-0.5
21	7.2	330.0	-0.5
22	4.8	320.0	-0.5
23	1.8	350.0	-0.5
24	3.0	360.0	1.5
1	1.8	330.0	4.0
2	3.0	350.0	1.5
3	4.2	340.0	-0.5
4	4.2	350.0	-0.5
5	3.6	340.0	-0.5
6	3.6	350.0	-0.5
7	7.2	340.0	-0.5
8	7.2	340.0	-0.5
9	8.4	330.0	-0.5
10	12.0	340.0	-0.5
11	9.0	340.0	-0.5
12	9.0	310.0	-0.5
13	8.4	330.0	-0.5
14	8.4	340.0	-1.5
15	8.4	330.0	-0.5
16	7.2	340.0	-0.5
17	7.2	330.0	-0.5
18	6.0	340.0	-0.5
19	7.2	330.0	-0.5
20	4.2	350.0	1.5
21	3.6	350.0	1.5
22	4.2	350.0	1.5
23	3.0	340.0	4.0
24	0.6	340.0	4.0
1	0.6	360.0	4.0
2	0.6	360.0	4.0
3	1.8	340.0	4.0
4	3.0	350.0	4.0
5	1.8	330.0	4.0
6	3.6	350.0	4.0
7	3.0	340.0	4.0
8	3.0	350.0	-1.5
9	1.8	330.0	-1.5
10	1.8	90.0	-1.7
11	1.8	90.0	-1.5
12	0.6	360.0	-1.9
13	3.6	20.0	-1.7
14	3.6	70.0	-1.7
15	3.6	120.0	-1.7

VI-147

16	3.6	40.0	-1.7
17	3.6	110.0	-1.7
18	3.6	80.0	-1.7
19	4.2	40.0	-0.5
20	3.6	100.0	1.5
21	4.2	90.0	-0.5
22	3.6	90.0	1.5
23	3.6	130.0	1.5
24	3.6	110.0	1.5
1	3.6	120.0	1.5
2	4.2	120.0	1.5
3	3.6	130.0	1.5
4	3.0	140.0	4.0
5	3.0	130.0	4.0
6	3.6	130.0	1.5
7	3.6	130.0	1.5
8	4.2	150.0	-1.5
9	4.2	140.0	-1.5
10	7.2	140.0	-0.5
11	7.8	130.0	-1.5
12	8.4	130.0	-1.5
13	10.2	140.0	-1.5
14	12.0	150.0	-0.5
15	10.2	140.0	-0.5
16	10.2	160.0	-0.5
17	10.2	150.0	-0.5
18	9.0	140.0	-0.5
19	9.0	140.0	-0.5
20	9.0	130.0	-0.5
21	8.4	130.0	-0.5
22	6.0	130.0	-0.5
23	6.0	150.0	-0.5
24	4.8	140.0	1.5
1	4.2	120.0	-0.5
2	4.2	130.0	-0.5
3	3.6	120.0	-0.5
4	4.2	140.0	-0.5
5	6.0	150.0	-0.5
6	5.4	140.0	-0.5

STOPPING TIME 7/ 3/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95118

CONTAINMENT PURGE

STARTING TIME 7/ 6/95

HOUR 8 MINUTE 15

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
8	0.6	310.0	-1.5
9	1.8	270.0	-1.7
10	4.8	280.0	-1.5
11	7.8	310.0	-0.5
12	9.6	310.0	-1.5
13	6.0	310.0	-1.5
14	7.8	320.0	-1.5
15	6.0	320.0	-1.5
16	8.4	320.0	-0.5
17	7.8	330.0	-0.5
18	8.4	330.0	-0.5
19	6.0	350.0	-0.5
20	4.8	360.0	1.5
21	3.0	40.0	4.0
22	3.6	50.0	1.5
23	0.6	10.0	4.0
24	0.6	10.0	4.0
1	3.0	360.0	4.0
2	0.6	10.0	4.0
3	3.0	90.0	4.0
4	0.6	10.0	4.0
5	3.0	360.0	4.0
6	3.0	320.0	4.0
7	3.0	360.0	4.0
8	0.6	10.0	-1.5
9	1.8	40.0	-1.5
10	5.4	80.0	-0.5
11	5.4	90.0	-1.5
12	6.0	90.0	-1.5
13	7.2	100.0	-1.5
14	7.2	130.0	-0.5
15	7.2	130.0	-0.5
16	7.8	90.0	-0.5
17	7.2	130.0	-0.5
18	5.4	50.0	-0.5
19	10.8	80.0	-0.5
20	7.8	90.0	-0.5
21	6.0	90.0	-0.5
22	5.4	100.0	-0.5
23	4.2	100.0	-0.5
24	4.8	130.0	-0.5
1	4.8	130.0	-0.5
2	3.0	120.0	-0.5
3	4.2	100.0	-0.5
4	4.8	90.0	-0.5
5	5.4	80.0	-0.5
6	6.0	130.0	-0.5
7	4.8	100.0	-0.5
8	5.4	130.0	-1.5
9	4.8	100.0	-1.7

VI-149

10	3.6	110.0	-1.7
11	1.8	130.0	-1.7
12	1.8	90.0	-1.9
13	4.2	80.0	-1.7
14	4.8	50.0	-1.5
15	3.0	90.0	-1.7
16	3.0	220.0	-1.7
17	3.6	310.0	-1.7
18	5.4	310.0	-1.5
19	4.2	320.0	1.5
20	4.2	320.0	1.5
21	3.6	350.0	1.5
22	4.8	360.0	1.5
23	3.6	10.0	1.5
24	0.6	360.0	4.0
1	0.6	360.0	4.0
2	3.6	320.0	1.5
3	4.8	340.0	1.5
4	5.4	340.0	1.5
5	4.2	330.0	1.5
6	4.2	340.0	1.5
7	3.6	350.0	1.5
8	3.6	340.0	-1.5
9	7.2	350.0	-0.5
10	7.2	360.0	-0.5
11	6.0	350.0	-0.5
12	7.8	10.0	-1.5
13	3.6	300.0	-1.7
14	4.2	20.0	-1.7
15	5.4	30.0	-1.5
16	3.6	320.0	-1.7
17	4.2	360.0	-1.5
18	3.6	20.0	-1.7
19	4.2	50.0	-1.5
20	3.6	60.0	1.5
21	1.8	90.0	4.0
22	1.8	90.0	4.0
23	1.8	110.0	4.0
24	1.8	150.0	4.0
1	3.0	120.0	4.0
2	1.8	150.0	4.0
3	3.0	200.0	4.0
4	4.8	110.0	1.5
5	3.6	140.0	1.5
6	4.2	150.0	-0.5

STOPPING TIME 7/10/95 HOUR 5 MINUTE 52

RELEASE NUMBER 95119

CONTAINMENT PURGE

STARTING TIME 7/13/95

HOUR 16 MINUTE 12

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	9.0	140.0	-1.5
17	8.4	140.0	-0.5
18	9.0	140.0	-0.5
19	9.0	150.0	-0.5
20	7.8	150.0	1.5
21	7.2	130.0	1.5
22	7.2	140.0	1.5
23	5.4	150.0	4.0
24	4.2	140.0	4.0
1	4.2	140.0	4.0
2	5.4	140.0	4.0
3	5.4	150.0	4.0
4	4.8	150.0	4.0
5	4.8	140.0	4.0
6	4.2	140.0	4.0
7	4.8	130.0	-1.5
8	5.4	140.0	-1.5
9	6.0	160.0	-1.7
10	6.0	140.0	-1.7
11	7.8	150.0	-1.7
12	7.8	160.0	-1.7
13	8.4	150.0	-1.5
14	10.8	140.0	-1.5
15	13.2	160.0	-1.5
16	10.8	150.0	-0.5
17	9.0	150.0	-0.5
18	10.8	130.0	-0.5
19	9.6	150.0	-0.5
20	7.8	140.0	1.5
21	6.0	150.0	1.5
22	6.0	150.0	1.5
23	4.8	140.0	4.0
24	4.8	140.0	4.0
1	5.4	130.0	-0.5
2	12.6	350.0	-0.5
3	3.6	80.0	4.0
4	4.2	130.0	4.0
5	3.6	110.0	4.0
6	7.2	350.0	1.5
7	4.2	30.0	-0.5
8	4.8	80.0	-0.5
9	5.4	120.0	-0.5
10	5.4	110.0	-1.5
11	5.4	170.0	-1.7
12	6.0	150.0	-1.7
13	5.4	270.0	-1.7
14	4.8	220.0	-1.7
15	6.0	340.0	-1.7
16	10.2	340.0	-0.5
17	7.8	350.0	-1.5

VI-151

18	10.2	330.0	-0.5
19	8.4	330.0	-0.5
20	4.8	340.0	4.0
21	4.2	350.0	4.0
22	3.6	320.0	4.0
23	3.0	120.0	4.0
24	3.0	150.0	-0.5
1	3.6	330.0	-0.5
2	1.8	330.0	4.0
3	3.6	350.0	4.0
4	0.6	360.0	4.0
5	3.6	330.0	4.0
6	3.6	340.0	4.0
7	3.0	320.0	-1.5
8	3.0	320.0	-1.5
9	3.0	340.0	-1.7
10	3.6	320.0	-1.7
11	5.4	340.0	-1.7
12	7.2	340.0	-1.7
13	6.0	350.0	-1.7
14	5.4	350.0	-1.7
15	4.2	320.0	-1.7
16	6.0	340.0	-1.7
17	6.0	300.0	-1.7
18	4.8	340.0	-0.5
19	4.8	330.0	-1.5
20	4.8	340.0	4.0
21	3.6	350.0	4.0
22	0.6	360.0	4.0
23	1.8	90.0	4.0
24	4.2	310.0	4.0
1	5.4	340.0	4.0
2	7.8	330.0	1.5
3	5.4	330.0	4.0
4	6.0	330.0	1.5
5	4.8	330.0	4.0
STOPPING TIME			7/17/95
			HOUR 4 MINUTE 52

RELEASE NUMBER 95120 CONTAINMENT PURGE

STARTING TIME 7/20/95 HOUR 13 MINUTE 46

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	7.2	340.0	-1.7
14	6.0	320.0	-1.7
15	6.0	340.0	-1.7
16	8.4	340.0	-1.7
17	6.0	340.0	-1.7
18	5.4	340.0	-1.5
19	4.8	340.0	-1.5
20	4.2	350.0	4.0
21	4.2	10.0	4.0
22	0.6	360.0	4.0
23	0.6	360.0	4.0
24	0.6	360.0	4.0
1	3.0	80.0	4.0
2	1.8	150.0	4.0
3	1.8	10.0	4.0
4	0.6	360.0	4.0
5	1.8	120.0	4.0
6	4.2	180.0	4.0
7	3.6	140.0	-1.5
8	4.2	140.0	-1.5

STOPPING TIME 7/21/95 HOUR 7 MINUTE 52

STARTING TIME 7/21/95 HOUR 8 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
8	4.2	140.0	-1.5
9	6.0	140.0	-1.7
10	5.4	140.0	-1.7
11	6.0	150.0	-1.7
12	7.8	150.0	-1.5
13	10.2	150.0	-1.5
14	7.8	160.0	-1.5
15	8.4	150.0	-1.5
16	9.0	140.0	-0.5
17	8.4	150.0	-0.5
18	10.2	140.0	-0.5
19	8.4	150.0	-0.5
20	6.0	160.0	1.5
21	5.4	150.0	1.5
22	4.8	140.0	4.0
23	4.2	150.0	4.0
24	4.2	140.0	4.0
1	5.4	360.0	-0.5
2	5.4	330.0	-0.5
3	1.8	70.0	-0.5
4	3.6	130.0	-0.5

5	3.6	350.0	-0.5
6	0.6	360.0	-0.5
7	1.8	340.0	-1.5
8	3.0	350.0	-1.5
9	3.0	330.0	-1.7
10	3.6	350.0	-1.7
11	1.2	350.0	-1.7
12	4.2	350.0	-1.5
13	6.0	360.0	-1.7
14	3.6	310.0	-1.7
15	3.6	10.0	-1.7
16	5.4	360.0	-1.7
17	6.0	350.0	-1.7
18	6.0	350.0	-1.5
19	6.0	350.0	-1.5
20	4.8	360.0	4.0
21	3.6	10.0	4.0
22	3.6	350.0	4.0
23	3.6	340.0	4.0
24	1.2	50.0	4.0
1	0.6	360.0	4.0
2	0.6	360.0	4.0
3	1.8	350.0	4.0
4	1.8	340.0	4.0
5	3.6	120.0	4.0
6	0.6	360.0	4.0
7	3.6	310.0	-0.5
8	3.0	310.0	-0.5
9	3.0	340.0	-1.7
10	1.8	350.0	-1.7
11	1.8	240.0	-1.7
12	1.8	60.0	-1.7
13	1.8	90.0	-1.7
14	4.2	20.0	-1.7
15	4.2	50.0	-1.7
16	3.0	360.0	-1.7
17	4.2	180.0	-1.7
18	4.8	150.0	-1.5
19	4.2	270.0	-1.5
20	1.8	200.0	4.0
21	3.6	70.0	4.0
22	3.0	90.0	4.0
23	7.2	70.0	1.5
24	4.2	110.0	4.0
1	3.0	100.0	4.0
2	4.8	130.0	4.0
STOPPING TIME 7/24/95			HOUR 1 MINUTE 12

RELEASE NUMBER 95121 CONTAINMENT PURGE
STARTING TIME 7/27/95 HOUR 20 MINUTE 5

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
20	3.6	310.0	4.0
21	0.6	360.0	4.0
22	1.8	10.0	4.0
23	1.8	320.0	4.0
24	0.6	360.0	4.0
1	1.0	126.6	4.0
2	1.2	118.8	4.0
3	2.3	143.1	4.0
4	2.9	157.3	4.0
5	2.7	81.0	4.4
6	3.9	175.7	6.4
7	3.8	139.2	4.8
8	3.4	108.8	0.6
9	3.3	49.6	0.0
10	3.5	80.9	-2.8
11	4.9	91.8	-3.0
12	5.2	86.7	-2.2
13	5.7	125.1	-2.4
14	7.1	224.4	-3.2
15	7.5	202.2	-3.8
16	9.4	199.6	-3.4
17	8.6	206.3	-3.0
18	8.7	197.0	-2.4
19	8.1	186.7	-1.4
20	9.0	157.7	-0.8
21	9.1	156.7	1.2
22	9.8	155.4	1.2
23	12.7	165.2	-0.2
24	12.6	168.8	-0.5
1	13.5	180.6	0.2
2	13.1	188.3	0.2
3	6.5	186.0	0.2
4	3.9	178.3	1.6
5	7.0	179.5	3.6
6	3.8	118.1	3.8
7	2.1	251.2	8.4
8	2.5	149.7	3.2
9	4.7	216.6	-2.0
10	7.4	212.9	-3.0
11	5.2	218.4	-3.4
12	7.6	202.4	-3.8
13	9.2	188.2	-4.0
14	10.2	189.3	-4.0
15	10.5	187.6	-4.2
16	10.8	183.3	-4.0
17	10.3	177.3	-3.8
18	10.2	161.1	-3.0
19	9.5	148.5	-3.0
20	8.1	144.3	-1.8
21	8.2	150.0	0.4

22	9.1	149.8	0.4
23	9.5	152.1	0.8
24	9.2	153.1	1.0
1	11.8	158.5	-0.6
2	12.1	162.1	-1.0
3	9.8	156.9	-0.6
4	9.8	163.9	-0.8
5	8.8	168.9	-0.8
6	6.7	167.2	-0.6
7	6.6	152.3	-0.4
8	6.4	161.5	-1.4
9	10.5	184.3	-2.4
10	10.3	182.3	-3.2
11	13.5	192.3	-3.6
12	15.8	188.8	-3.8
13	15.8	185.8	-4.0
14	15.2	188.7	-4.0
15	15.2	186.5	-4.4
16	14.4	188.5	-4.0
17	15.9	171.0	-3.8
18	15.6	170.2	-3.2
19	13.2	168.6	-2.6
20	10.1	169.1	-2.0
21	7.5	159.3	-0.2
22	8.0	152.2	1.8
23	7.7	155.7	0.6
24	9.1	161.8	-0.2
1	10.1	164.8	-0.6
2	8.8	168.3	-0.4
3	7.9	182.8	-0.4
4	7.7	185.7	-0.4
5	8.6	185.0	-0.2
6	8.9	181.9	-0.2
7	7.5	211.1	-0.4
STOPPING TIME	7/31/95	HOUR	6 MINUTE 3

RELEASE NUMBER 95122

CONTAINMENT PURGE

STARTING TIME 8/ 4/95

HOUR 8 MINUTE 15

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
8	4.2	154.4	-0.6
9	6.7	172.6	-2.4
10	6.4	180.0	-3.0
11	6.4	166.8	-3.6
12	7.1	155.9	-3.8
13	7.6	176.6	-4.2
14	5.1	210.5	-3.2
15	5.1	199.5	-2.8
16	8.6	187.5	-4.0
17	6.4	209.0	-3.0
18	4.5	202.7	-3.4
19	3.8	139.6	-1.2
20	2.9	130.6	2.6
21	5.3	112.3	0.6
22	2.6	89.3	1.4
23	1.9	110.0	4.0
24	2.9	133.1	3.0
1	4.0	124.8	3.8
2	1.9	110.0	4.8
3	2.5	91.2	4.4
4	2.6	128.5	7.0
5	2.6	120.0	5.0
6	2.6	111.1	3.2
7	3.0	182.4	1.4
8	2.8	257.0	-1.2
9	4.4	277.6	-2.2
10	4.2	91.6	-3.2
11	5.1	97.1	-3.4
12	5.5	105.0	-3.8
13	4.2	103.9	-3.0
14	2.6	99.3	-1.8
15	10.5	123.4	-2.8
16	8.1	136.3	-3.0
17	5.9	131.1	-1.4
18	4.1	130.7	-1.0
19	2.7	133.8	-0.4
20	3.2	150.0	1.2
21	5.6	186.1	1.2
22	11.4	170.3	0.0
23	7.5	152.9	0.0
24	3.3	165.0	2.0
1	3.7	181.0	4.0
2	2.7	154.9	7.0
3	1.9	169.1	11.2
4	1.9	204.9	9.8
5	1.1	240.9	7.2
6	2.7	205.0	7.2
7	4.2	172.2	8.4
8	5.8	173.8	4.4
9	6.3	164.3	-0.2

10	5.8	170.6	-3.0
11	5.3	164.1	-3.2
12	6.5	171.2	-3.6
13	5.7	164.4	-3.8
14	7.1	128.5	-3.2
15	7.9	154.0	-3.8
16	8.0	137.3	-3.4
17	8.5	171.0	-3.6
18	8.2	166.1	-3.4
19	5.8	181.4	-2.8
20	4.8	151.4	-1.6
21	4.6	131.4	2.0
22	4.3	131.2	4.0
23	4.9	127.2	4.4
24	4.9	126.5	4.6
1	4.2	137.0	5.6
2	5.9	152.6	3.8
3	4.8	124.9	2.2
4	4.4	116.0	1.0
5	4.4	124.1	0.4
6	4.1	121.0	1.4
7	3.9	118.1	1.8

STOPPING TIME 8/ 7/95 HOUR 6 MINUTE 15

RELEASE NUMBER 95123

CONTAINMENT PURGE

STARTING TIME 8/10/95

HOUR 11 MINUTE 36

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
11	13.4	142.9	-3.2
12	12.5	161.8	-3.6
13	10.2	167.8	-3.6
14	9.7	180.1	-3.8
15	11.7	170.3	-3.6
16	11.0	168.1	-3.8
17	11.6	166.7	-3.4
18	10.8	179.3	-2.6
19	9.3	176.0	-1.8
20	6.4	161.4	-0.4
21	4.4	137.0	6.8
22	3.5	129.6	8.4
23	5.3	135.1	6.4
24	6.6	139.6	6.2
1	8.6	159.9	1.8
2	11.6	185.0	-0.2
3	10.8	184.8	0.2
4	8.9	180.8	0.4
5	10.4	181.3	0.2
6	11.4	181.7	0.2
7	10.9	183.4	0.2
8	11.9	187.0	-0.8
9	12.8	189.8	-1.6
10	12.3	184.5	-2.6
11	10.8	187.2	-3.2
12	11.7	185.2	-3.6
13	12.5	172.0	-3.6
14	12.4	171.1	-3.6
15	12.9	173.2	-3.6
16	11.2	190.0	-3.6
17	14.6	185.9	-3.0
18	13.8	188.1	-2.4
19	12.2	187.0	-1.6
20	9.2	174.7	-0.6
21	9.9	164.6	0.4
22	11.2	171.7	0.1
23	11.6	184.9	-0.1
24	11.9	186.4	-0.2
1	12.4	189.1	-0.4
2	12.3	197.5	-0.4
3	11.8	203.4	-0.4
4	11.4	210.5	-0.2
5	12.1	199.7	-0.2
6	10.8	194.8	-0.2
7	10.9	194.1	-0.2
8	11.7	183.1	-0.8
9	14.7	191.3	-1.6
10	12.9	197.4	-2.6
11	13.0	204.7	-3.2
12	13.2	192.8	-3.6

13	14.9	194.7	-3.6
14	15.3	194.9	-3.6
15	15.6	197.5	-3.8
16	15.7	195.4	-3.2
17	14.6	200.0	-3.0
18	14.3	195.8	-2.4
19	12.8	186.9	-1.6
20	9.2	177.5	-0.6
21	7.8	156.0	0.2
22	9.6	156.3	0.2
23	11.2	166.1	-0.6
24	11.9	170.7	-0.8
1	10.4	179.7	-0.6
2	11.7	184.8	-0.6
3	10.8	182.0	-0.6
4	10.7	181.2	-0.4
5	11.8	182.1	-0.4
6	11.0	179.4	-0.2
7	9.2	172.2	-0.2
8	8.4	166.5	-1.4
9	10.2	171.6	-2.0
10	13.1	183.1	-2.6
11	14.4	191.3	-3.2
12	14.7	192.3	-3.6
13	13.5	196.4	-3.2
14	8.1	182.0	-2.4
15	13.5	169.9	-3.2
16	16.0	182.0	-2.8
17	16.3	185.4	-2.6
18	15.9	188.0	-2.0
19	13.0	188.6	-1.4
20	11.2	182.7	-1.1
21	10.6	170.0	-0.8
22	12.7	177.5	-0.6
23	12.1	181.4	-0.8
24	13.5	193.6	-0.8
1	10.2	253.7	1.0
2	3.8	237.7	1.4
3	8.0	333.9	0.8
4	4.5	306.5	0.8
5	4.4	248.0	-0.6
6	2.7	148.4	-1.0

STOPPING TIME 8/14/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95124

CONTAINMENT PURGE

STARTING TIME 8/17/95

HOUR 12 MINUTE 36

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
12	8.2	169.1	-3.2
13	9.8	166.4	-3.0
14	10.8	168.4	-3.2
15	11.9	165.8	-3.2
16	11.9	165.5	-3.2
17	13.0	158.3	-2.8
18	13.4	161.0	-2.6
19	13.0	157.2	-2.0
20	8.5	146.8	-0.6
21	6.7	133.0	1.4
22	6.1	133.2	3.2
23	6.9	141.4	3.4
24	7.5	135.1	4.2
1	8.4	145.8	2.0
2	10.5	160.6	-0.4
3	8.9	167.2	-0.4
4	8.6	170.3	-0.4
5	8.9	168.7	-0.2
6	9.3	168.6	-0.2
7	9.4	171.3	-0.2
8	9.0	177.5	-1.0
9	11.7	183.8	-1.4
10	12.3	177.2	-2.0
11	12.0	173.3	-2.6
12	13.8	167.4	-3.0
13	15.5	165.8	-3.0
14	15.7	167.3	-3.0
15	16.9	173.3	-3.2
16	16.1	168.2	-3.2
17	17.0	170.4	-2.8
18	15.5	166.1	-2.4
19	12.9	165.3	-1.8
20	12.7	166.5	-1.0
21	8.3	161.7	-0.4
22	4.8	186.1	-0.4
23	5.9	308.2	-1.0
24	6.1	333.7	-1.0
1	3.5	294.3	-0.6
2	7.3	328.1	-1.6
3	6.7	332.2	-1.2
4	7.2	333.9	-1.2
5	6.6	334.6	-1.2
6	7.2	313.8	-1.2
7	5.7	313.2	-1.2
8	6.8	317.1	-1.6
9	7.1	313.4	-2.0
10	7.9	269.1	-2.4
11	7.4	236.5	-3.0
12	6.9	191.5	-2.8
13	6.6	188.8	-3.2

14	5.7	222.4	-3.0
15	5.9	158.7	-2.8
16	5.7	252.1	-2.2
17	5.5	233.4	-2.4
18	4.5	219.7	-1.4
19	3.7	230.0	0.2
20	1.6	237.1	0.6
21	1.4	220.0	2.4
22	1.4	204.0	3.2
23	2.4	200.0	6.6
24	1.0	194.6	9.0
1	1.0	172.5	10.6
2	1.7	231.2	7.6
3	1.0	195.1	5.2
4	1.0	189.0	5.6
5	1.6	225.0	9.8
6	1.3	262.5	4.2
7	1.8	295.3	3.0
8	1.3	222.7	-0.2
9	2.6	141.1	-1.8
10	4.7	101.8	-2.4
11	3.5	104.9	-1.4
12	3.5	113.9	-2.4
13	4.5	66.7	-2.8
14	3.4	67.7	-3.2
15	4.9	74.3	-2.4
16	5.0	83.4	-2.8
17	5.0	84.5	-2.0
18	4.6	83.9	-1.4
19	4.0	87.0	-1.4
20	3.7	96.0	1.0
21	1.4	110.0	4.8
22	1.4	126.5	6.2
23	1.2	128.0	8.2
24	1.2	118.1	12.4
1	1.6	123.7	13.0
2	1.0	107.8	11.8
3	1.5	139.8	6.0
4	1.2	178.5	4.8
5	0.7	159.5	3.6
6	0.7	160.0	5.4
7	0.9	159.4	5.2

STOPPING TIME 8/21/95 HOUR 6 MINUTE 12

RELEASE NUMBER 95125 CONTAINMENT PURGE

STARTING TIME 8/24/95 HOUR 14 MINUTE 44

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	12.5	176.0	-2.6
15	9.5	185.9	-2.8
16	11.5	175.6	-2.4
17	11.1	164.2	-2.2
18	11.3	161.7	-1.6
19	10.2	144.2	-0.6
20	7.1	144.6	1.2
21	7.3	145.9	1.8
22	9.3	154.0	2.2
23	10.8	161.0	0.6
24	13.6	166.7	-0.5
1	13.0	164.0	-0.5
2	13.1	163.9	-0.5
3	11.9	161.1	-0.5
4	12.0	163.7	-0.5
5	10.3	168.3	-0.5
6	8.8	167.1	-0.5
7	8.6	163.9	-0.5
8	10.0	168.0	-0.5
9	11.4	175.4	-0.8
10	11.8	184.8	-1.8
11	11.9	185.3	-2.4
12	9.6	183.7	-2.8
13	11.4	170.7	-2.6
14	10.9	161.6	-2.8
15	11.0	151.9	-3.0
16	12.7	144.5	-2.4
STOPPING TIME	8/25/95		HOUR 15 MINUTE 51

STARTING TIME 8/25/95 HOUR 16 MINUTE 23

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	12.7	144.5	-2.4
17	10.7	147.5	-2.2
18	9.5	136.0	-1.6
19	9.0	131.1	-0.6
20	7.5	146.8	1.2
21	5.9	141.6	4.6
22	8.5	154.1	4.0
23	5.1	142.4	5.6
24	4.5	138.8	10.0
1	6.5	156.6	3.6
2	9.1	168.1	1.6
3	3.7	151.1	3.0
4	1.0	193.6	5.0
5	1.7	165.0	7.4

6	2.7	128.7	8.8
7	4.6	123.7	6.0
8	3.8	113.7	2.8
9	5.4	110.8	0.4
10	7.6	119.0	-2.0
11	7.3	122.6	-2.4
12	5.3	103.5	-2.2
13	4.5	74.0	-1.6
14	4.8	74.4	-2.2
15	4.2	65.2	-1.6
16	3.3	69.9	-2.0
17	4.4	84.3	-2.4
18	3.3	77.7	-1.8
19	2.1	62.7	1.2
20	0.8	350.0	5.2
21	0.8	293.6	3.6
22	0.9	284.6	5.4
23	1.4	276.5	5.0
24	1.7	291.5	3.6
1	1.4	307.1	1.6
2	1.5	305.3	1.0
3	1.4	306.2	1.2
4	1.2	282.1	2.0
5	0.9	260.7	1.2
6	0.6	222.9	1.0
7	1.5	144.7	1.4
8	3.5	107.5	1.0
9	4.6	96.6	1.4
10	3.2	92.0	-0.6
11	5.3	158.1	-2.4
12	5.4	161.7	-3.0
13	5.4	116.8	-3.0
14	5.3	77.3	-2.8
15	6.5	142.8	-2.8
16	8.0	179.5	-2.8
17	7.7	188.0	-2.4
18	7.3	171.6	-1.6
STOPPING TIME		8/27/95	HOUR 18 MINUTE 0

RELEASE NUMBER 95126

CONTAINMENT PURGE

STARTING TIME 8/31/95

HOUR 13 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	2.9	301.8	-2.2
14	3.9	220.2	-2.4
15	4.1	77.0	-3.0
16	5.2	91.9	-2.2
17	3.4	144.8	-1.8
18	2.7	210.0	-1.0
19	1.6	274.4	1.0
20	2.5	280.0	2.0
21	4.0	281.2	1.0
22	3.0	251.2	0.6
23	2.0	207.4	0.6
24	2.4	181.3	0.6
1	2.4	189.7	1.2
2	1.8	195.6	3.8
3	1.7	171.9	2.8
4	1.5	171.9	1.2
5	1.5	154.6	1.0
6	0.9	193.6	1.0
7	1.4	169.7	1.0
8	2.5	140.0	1.0
9	2.3	113.5	-1.0
10	6.2	124.4	-2.4
11	7.4	125.0	-3.2
12	8.2	125.6	-3.2
13	9.6	130.3	-3.2
14	9.6	130.1	-3.2
15	10.1	128.0	-3.2
16	9.2	143.9	-3.0
17	9.3	143.2	-2.8
18	8.7	147.9	-2.6
19	7.5	159.8	-1.4
20	6.6	145.9	1.2
21	6.0	125.4	4.8
22	4.4	122.2	5.8
23	6.5	143.0	5.2
24	5.7	138.5	4.4
1	5.8	132.0	6.4
2	6.8	157.5	2.6
3	7.2	173.5	0.8
4	8.8	177.8	-0.6
5	11.3	168.3	0.2
6	7.8	142.0	0.2
7	7.8	149.5	0.2
8	8.0	159.9	-0.4
9	9.3	120.9	-2.2
10	8.2	147.4	-2.0
11	6.8	168.8	-1.8
12	6.9	140.0	-2.4
13	14.1	117.1	-2.8
14	16.3	141.5	-3.0

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15	13.8	154.9	-3.2
16	12.0	178.3	-3.2
17	9.6	192.7	-2.8
18	7.7	204.8	-2.8
19	4.0	182.4	-1.8
20	1.0	185.0	3.2
21	1.2	197.6	4.2
22	1.6	154.4	3.0
23	3.7	145.1	3.2
24	5.7	134.0	3.0
1	4.0	128.1	1.2
2	4.0	117.7	1.2
3	3.0	125.7	0.8
4	2.3	122.4	1.4
5	1.4	124.8	3.2
6	0.7	140.0	1.8
7	1.7	158.2	-0.4
8	1.6	216.7	-0.4
9	2.0	234.3	-0.8
10	2.0	126.8	-1.8
11	3.6	125.7	-3.6
12	3.6	100.0	-2.6
13	4.9	82.8	-3.0
14	6.1	87.1	-3.2
15	6.0	103.5	-3.2
16	4.5	89.4	-3.4
17	4.4	79.1	-2.8
18	4.7	100.1	-2.0
19	3.1	75.0	-0.8
20	1.7	109.3	2.6
21	1.0	165.0	7.2
22	0.9	216.1	6.4
23	1.6	184.4	5.4
24	2.8	165.0	3.0
1	2.2	163.5	3.6
2	3.5	128.4	2.8
3	2.5	126.3	3.2
4	2.1	208.4	4.2
5	2.4	298.6	4.0
6	2.6	290.5	3.6

STOPPING TIME 9/ 4/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95127

CONTAINMENT PURGE

STARTING TIME 9/ 7/95

HOUR 16 MINUTE 10

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	8.8	324.2	-2.2
17	8.4	278.3	-2.0
18	8.2	208.2	-2.0
19	7.6	208.5	-2.0
20	5.7	245.8	-1.6
21	3.8	216.2	-1.6
22	3.2	251.8	-1.6
23	3.2	285.0	-1.4
24	2.8	315.1	-0.8
1	2.9	295.8	-1.4
2	2.8	307.1	-0.8
3	2.4	306.8	-1.2
4	3.7	318.2	-0.8
5	3.3	321.7	-1.6
6	3.7	324.4	0.2
7	3.1	312.3	1.2
8	2.8	306.7	0.2
9	3.1	308.9	-0.6
10	3.9	240.0	-3.0
11	4.0	182.9	-3.2
12	5.1	185.9	-3.2
13	5.1	205.0	-2.8
14	4.8	263.9	-3.6
15	4.3	206.1	-3.4
16	3.7	220.0	-3.6
17	2.8	240.1	-3.4
18	2.6	218.1	-2.8
19	2.2	241.3	-1.2
20	1.0	217.1	6.8
21	0.8	252.9	11.8
22	1.4	277.8	10.4
23	1.3	275.4	4.2
24	1.6	281.6	7.0
1	1.5	285.5	7.8
2	1.1	273.8	6.4
3	1.5	270.7	7.4
4	1.5	294.5	7.0
5	1.7	298.2	5.0
6	2.7	314.1	1.8
7	1.9	298.4	4.0
8	2.2	320.1	2.2
9	2.3	305.2	-1.4
10	2.5	178.8	-3.0
11	3.4	170.0	-3.2
12	4.2	160.8	-3.0
13	5.1	261.9	-3.4
14	5.0	231.2	-3.4
15	4.5	227.0	-3.8
16	5.3	222.0	-3.4
17	4.9	218.3	-2.8

18	4.8	300.3	-2.0
19	3.9	343.2	-0.2
20	2.4	306.3	3.2
21	0.8	213.4	8.4
22	1.1	220.1	7.6
23	1.1	264.6	9.4
24	1.5	262.4	11.8
1	1.1	262.5	10.0
2	1.0	266.8	9.0
3	1.3	292.2	8.2
4	1.0	263.8	9.0
5	1.1	288.3	6.8
6	1.3	252.4	4.6
7	0.9	225.8	3.8
8	0.9	240.6	4.2
9	1.6	224.2	0.6
10	2.1	170.0	-2.6
11	4.5	115.7	-3.4
12	6.7	113.6	-3.6
13	7.1	137.8	-3.8
14	8.3	131.5	-4.0
15	6.3	147.2	-3.8
16	7.6	135.7	-3.4
17	7.3	125.3	-3.2
18	6.5	148.2	-1.4
19	2.6	128.8	1.6
20	2.9	134.5	6.6
21	4.4	128.0	7.4
22	5.2	124.8	5.8
23	5.6	129.6	6.0
24	6.6	136.8	6.0
1	7.7	149.4	3.4
2	6.3	152.5	2.4
3	7.3	162.5	0.2
4	7.5	150.8	0.2
5	5.4	145.7	0.8
6	6.7	152.9	-0.4
7	5.2	125.0	0.5

STOPPING TIME 9/11/95 HOUR 6 MINUTE 2

RELEASE NUMBER 95128

CONTAINMENT PURGE

STARTING TIME 9/14/95

HOUR 10 MINUTE 55

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
10	3.6	324.1	-2.4
11	2.8	232.1	-3.2
12	2.0	161.3	-3.0
13	2.0	136.9	-2.2
14	3.8	130.2	-3.6
15	4.4	138.6	-3.6
16	3.7	104.3	-3.4
17	4.5	121.4	-3.0
18	3.8	118.9	-2.6
19	3.7	148.5	0.6
20	1.9	137.8	10.8
21	3.3	123.5	13.6
22	3.9	121.3	12.4
23	3.2	118.8	13.6
24	4.7	119.0	9.6
1	4.5	113.7	7.6
2	4.4	120.2	7.4
3	5.2	126.5	5.8
4	6.2	132.0	6.6
5	6.4	143.0	4.8
6	6.2	128.1	8.0
7	6.0	135.2	7.4
8	7.6	150.0	4.0
9	7.3	153.7	1.2
10	13.1	162.4	-2.0
11	12.5	160.1	-3.0
12	13.1	163.6	-3.4
13	14.1	164.8	-3.4
14	13.9	163.1	-3.4
15	14.5	176.5	-3.4
16	14.7	177.0	-3.0
17	13.6	187.5	-3.0
18	13.2	183.7	-1.8
19	13.1	183.3	-1.0
20	11.9	182.4	0.2
21	9.9	170.1	-0.2
22	11.8	167.1	-0.6
23	12.6	171.8	-0.6
24	12.5	175.4	-0.6
1	12.3	181.5	-0.6
2	11.8	184.0	-0.8
3	9.8	179.1	-0.6
4	9.1	178.4	-0.6
5	6.3	176.3	-0.4
6	9.9	171.2	-0.8
7	10.6	186.2	-0.8
8	9.8	210.9	-1.4
9	9.8	224.8	-2.0
10	5.6	232.7	-2.4
11	4.8	256.0	-5.2

12	6.7	245.0	-3.4
13	8.0	237.4	-2.6
14	9.6	305.4	-2.6
15	11.0	329.8	-2.4
16	10.1	320.8	-2.2
17	8.5	286.3	-1.8
18	7.8	324.5	-1.4
19	6.1	337.5	-0.4
20	4.7	331.5	1.0
21	4.4	323.8	4.4
22	4.5	318.1	4.6
23	4.1	312.7	4.2
24	3.7	313.2	2.8
1	3.5	312.4	3.6
2	3.6	307.3	4.2
3	3.8	301.0	4.2
4	2.6	282.7	5.0
5	1.8	283.8	3.6
6	3.1	300.1	3.4
7	3.1	303.3	3.6
8	2.9	293.9	2.8
9	2.5	360.0	-1.0
10	3.0	78.0	-2.6
11	6.3	98.9	-3.4
12	6.9	99.6	-4.0
13	7.2	112.3	-3.8
14	6.3	119.0	-4.2
15	6.6	124.1	-4.2
16	7.4	130.5	-4.0
17	7.2	145.8	-3.6
18	7.7	139.7	-3.0
19	5.1	125.0	-0.6
20	2.1	132.1	5.4
21	3.5	113.0	3.8
22	2.3	125.0	4.6
23	2.2	141.0	6.2
24	4.8	128.9	2.6
1	7.1	125.0	1.4
2	7.0	128.8	0.4
3	5.6	147.2	-0.2
4	4.4	104.1	-0.6
5	6.2	115.0	-1.6
6	5.7	129.4	0.2

STOPPING TIME 9/18/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95129

CONTAINMENT PURGE

STARTING TIME 9/21/95

HOUR 17 MINUTE 10

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
17	8.9	329.8	-3.4
18	8.0	325.0	-2.2
19	6.6	334.0	-1.4
20	5.2	334.3	0.1
21	3.8	323.6	2.0
22	2.1	265.0	4.0
23	2.0	209.0	4.0
24	2.3	221.6	3.2
1	2.6	225.0	2.6
2	2.2	247.1	2.6
3	2.3	267.3	3.0
4	1.4	275.0	3.2
5	1.4	283.6	3.8
6	1.6	268.6	3.8
7	1.6	244.8	2.0
8	2.1	240.0	1.0
9	1.7	230.0	-1.5
10	3.8	225.3	-3.8
11	8.0	240.1	-4.4
12	8.4	242.5	-5.4
13	8.3	241.4	-5.2
14	8.4	229.7	-5.4
15	9.0	210.5	-4.8
16	9.0	215.3	-4.6
17	8.6	207.8	-4.0
18	10.0	190.4	-3.4
19	8.3	171.1	-1.0
20	7.5	159.0	1.0
21	8.5	156.6	1.4
22	9.0	158.9	1.4
23	10.2	160.0	0.2
24	11.0	158.9	-0.2
1	10.5	154.2	-0.2
2	10.6	154.0	-0.2
3	11.6	155.2	-0.2
4	11.5	158.8	-0.6
5	11.1	156.5	-0.4
6	12.0	154.9	-0.4
7	13.3	162.5	-0.4
8	14.8	160.3	-0.8
9	16.5	165.9	-1.8
10	16.5	161.5	-2.8
11	19.0	165.1	-3.4
12	18.9	164.2	-3.6
13	17.5	169.3	-4.0
14	18.4	166.8	-4.0
15	15.7	160.8	-3.4
16	16.9	155.5	-3.4
17	16.5	158.2	-3.0
18	13.6	154.3	-2.8

19	8.4	144.8	-1.0
20	7.5	138.3	0.2
21	5.5	131.6	1.2
22	6.2	135.8	3.8
23	6.9	141.6	3.8
24	5.9	133.5	5.4
1	5.3	139.6	3.8
2	5.9	138.1	3.8
3	7.8	149.8	1.8
4	8.3	165.1	-1.0
5	5.5	148.4	-1.0
6	4.9	140.4	-0.6
7	5.8	151.0	-0.8
8	6.5	151.4	-1.0
9	6.6	173.0	-1.6
10	5.4	185.2	-2.4
11	4.8	213.9	-2.6
12	5.5	226.4	-3.4
13	6.3	224.1	-3.6
14	4.4	246.3	-4.8
15	6.1	310.8	-5.0
16	6.5	326.5	-4.2
17	5.0	301.2	-4.8
18	5.5	327.3	-3.6
19	5.1	338.7	-0.2
20	3.6	323.3	2.8
21	1.6	300.0	4.2
22	1.4	279.1	4.4
23	1.2	274.8	5.0
24	1.2	290.1	4.8
1	1.1	303.3	6.8
2	1.1	20.0	10.2
3	1.0	103.6	14.8
4	1.4	130.6	11.8
5	0.9	132.4	12.8

STOPPING TIME 9/25/95 HOUR 4 MINUTE 30

RELEASE NUMBER 95130

CONTAINMENT PURGE

STARTING TIME 9/28/95

HOUR 18 MINUTE 0

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
18	10.2	144.3	-2.8
19	8.4	144.3	-0.8
20	8.4	151.9	0.6
21	8.6	149.1	0.5
22	8.2	137.5	1.0
23	7.2	136.0	1.8
24	7.3	133.6	2.6
1	7.7	138.6	1.0
2	8.2	134.1	0.4
3	8.1	133.3	0.2
4	15.8	171.9	-0.6
5	8.0	184.6	0.2
6	9.7	160.0	-0.8
7	8.9	136.1	-1.0
8	9.4	152.8	-1.0
9	7.3	129.6	-1.0
10	10.1	135.6	-1.6
11	13.0	142.1	-1.6
12	12.9	146.1	-1.6
13	13.4	140.0	-1.6
14	12.0	144.0	-1.8
15	11.3	144.3	-1.8
16	13.0	140.4	-2.4
17	13.5	143.8	-2.8
18	14.2	145.7	-2.0
19	12.9	146.1	-1.0
20	12.0	144.1	-0.5
21	10.5	137.9	-0.5
22	10.7	136.1	-0.5
23	10.2	151.5	-0.5
24	14.8	159.5	-0.6
1	18.9	164.8	-1.0
2	23.0	190.7	-1.2
3	10.9	203.4	-0.2
4	10.3	182.5	-0.2
5	10.5	196.2	-0.4
6	10.7	202.2	-0.4
7	12.2	217.3	-1.2
8	10.7	206.5	-1.2
9	10.6	187.6	-2.2
9	10.6	187.6	-2.2
10	11.2	214.3	-2.2
10	11.2	214.3	-2.2
11	10.9	206.7	-3.2
11	10.9	206.7	-3.2
12	11.4	221.1	-3.0
13	11.1	227.0	-3.4
14	11.2	239.0	-4.0
15	6.3	280.5	-4.0
16	5.7	282.1	-2.6

VI-173

17	6.1	292.5	-1.8
18	6.4	305.6	-0.8
19	7.6	310.3	-0.4
20	5.8	306.1	1.5
21	4.9	285.8	4.0
22	3.7	287.4	0.4
23	4.3	285.3	0.8
24	4.6	292.5	0.4
1	3.1	230.6	1.4
2	3.1	225.9	1.2
3	2.9	235.0	1.4
4	1.9	246.5	2.6
5	3.1	243.2	1.8
6	2.1	203.4	2.0
7	2.3	241.1	1.4
8	4.9	236.8	1.0
9	4.2	249.5	-1.8
10	3.0	264.5	-4.2
11	3.7	270.8	-5.2
12	4.1	278.6	-5.8
13	3.9	285.1	-4.4
14	3.6	255.6	-4.4
15	5.9	224.8	-4.0
16	5.4	218.5	-3.8
17	7.7	178.5	-3.6
18	6.7	172.0	-2.4
19	5.4	141.1	3.2
20	2.9	151.4	16.4
21	5.2	182.8	12.6
22	8.1	188.5	8.6
23	8.8	185.5	6.4
24	7.4	193.9	1.0
1	9.2	227.2	-0.2
2	8.5	222.1	-0.5
3	4.7	178.4	4.0
4	2.7	173.6	5.2
5	2.7	165.0	6.6
6	6.1	155.2	3.6

STOPPING TIME 10/ 2/95 HOUR 5 MINUTE 24

RELEASE NUMBER 95131

CONTAINMENT PURGE

STARTING TIME 10/ 5/95

HOUR 12 MINUTE 7

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
12	12.7	98.5	-1.8
13	10.8	99.2	-2.0
14	9.8	99.7	-1.8
15	8.7	95.1	-1.8
16	6.7	91.4	-1.8
17	5.6	68.0	-1.8
18	4.9	58.3	-2.0
19	3.0	134.2	-1.8
20	3.9	245.7	-1.8
21	4.4	285.0	-1.8
22	5.9	323.9	-1.8
23	7.1	288.5	-1.6
24	9.5	327.9	-1.8
1	10.6	334.0	-1.6
2	11.1	334.5	-1.6
3	11.7	335.0	-1.6
4	11.4	333.7	-1.6
5	10.9	335.6	-1.4
6	10.7	335.0	-1.6
7	10.5	334.6	-1.6
8	9.7	333.6	-1.6
9	10.1	334.2	-1.8
10	11.3	334.0	-2.0
11	12.8	334.0	-2.2
12	11.3	336.4	-2.2
13	10.7	329.1	-3.4
14	10.5	331.6	-3.2
15	10.1	331.6	-2.8
16	7.6	321.4	-2.6
17	7.2	323.3	-2.2
18	5.7	315.2	-2.0
19	5.6	323.3	-1.4
20	4.5	318.4	-1.0
21	2.9	278.3	-0.6
22	3.0	269.6	-0.6
23	2.6	242.8	-0.8
24	2.6	242.2	-0.4
1	2.6	262.3	-0.8
2	1.9	241.5	1.6
3	2.4	260.0	1.8
4	2.4	285.3	1.8
5	2.1	273.6	3.0
6	1.9	316.1	2.8
7	2.3	282.0	2.6
8	2.3	281.0	2.0
9	2.5	280.4	-2.2
10	3.4	312.2	-3.8
11	3.9	309.4	-4.4
12	5.0	298.0	-5.6
13	4.5	279.6	-5.4

VI-175

14	5.1	282.3	-5.2
15	4.6	292.6	-4.2
16	3.2	245.0	-3.6
17	3.3	200.0	-3.0
18	4.6	158.9	-3.0
19	3.4	136.2	2.8
20	4.0	132.0	6.8
21	4.7	124.2	8.8
22	4.7	120.4	10.6
23	2.7	123.2	17.6
24	4.9	114.6	13.2
1	4.1	120.1	13.6
2	3.6	123.2	11.8
3	5.6	130.9	9.8
4	7.0	130.0	9.4
5	7.2	136.4	8.0
6	7.6	130.7	6.2
7	8.0	131.8	4.6
8	7.1	126.1	4.0
9	7.9	133.0	1.6
10	8.7	126.4	1.6
11	10.5	137.5	1.0
12	11.1	135.0	-0.6
13	9.6	137.6	-1.4
14	9.7	136.9	-2.2
15	12.2	136.4	-3.0
16	10.3	134.0	-3.4
17	9.3	130.4	-3.4
18	5.1	147.3	-1.8
19	2.0	210.0	1.6
20	2.4	284.2	7.6
21	1.3	265.9	7.2
22	1.9	302.7	7.2
23	2.2	325.9	2.8
24	1.6	284.9	4.8
1	1.5	270.0	7.6
2	1.6	256.5	6.0
3	1.3	252.8	6.2
4	1.4	285.0	5.6
5	1.2	248.2	5.4

STOPPING TIME 10/ 9/95 HOUR 4 MINUTE 25

RELEASE NUMBER 95132

CONTAINMENT PURGE

STARTING TIME 10/12/95

HOUR 22 MINUTE 37

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
22	13.6	168.1	-0.2
23	13.7	177.6	-0.2
24	13.5	177.9	-0.5
1	15.3	186.9	-0.5
2	12.1	213.7	-0.4
3	7.8	240.0	0.4
4	6.8	264.2	0.6
5	10.8	330.4	-0.8
6	10.3	327.3	-1.2
7	11.6	331.0	-1.2
8	10.5	331.0	-1.6
9	9.6	328.6	-1.8

STOPPING TIME 10/13/95 HOUR 8 MINUTE 20

STARTING TIME 10/13/95

HOUR 13 MINUTE 50

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	7.0	310.8	-3.2
14	7.2	310.2	-3.6
15	6.6	301.8	-4.0
16	6.8	295.2	-4.0
17	9.4	302.8	-3.4
18	10.0	309.8	-2.6
19	8.5	310.4	-1.8
20	4.7	283.1	-0.4
21	4.7	266.2	0.2
22	4.9	287.1	0.4
23	5.0	276.0	0.2
24	5.2	291.1	0.2
1	7.1	304.3	-0.6
2	6.0	301.1	-0.6
3	4.3	290.7	0.6
4	3.7	263.3	1.0
5	4.5	283.2	0.6
6	5.2	288.1	0.4
7	4.4	283.5	0.2
8	3.4	249.5	0.8
9	4.1	282.8	-2.0
10	6.1	309.9	-4.0
11	6.7	315.6	-4.6
12	8.1	315.1	-5.4
13	9.1	315.8	-5.6
14	11.1	317.2	-5.6
15	9.9	314.7	-5.8
16	8.5	313.6	-5.6
17	6.9	306.0	-4.6

VI-177

18	7.2	314.6	-2.8
19	3.4	282.7	1.0
20	1.1	285.0	8.2
21	1.2	285.2	7.6
22	0.8	275.0	16.0
23	1.1	265.0	20.6
24	3.0	256.2	8.2
1	2.2	185.0	3.8
2	3.1	119.4	1.4
3	2.6	83.4	2.6
4	3.0	82.5	3.6
5	3.0	122.9	4.4
6	3.3	174.5	3.4
7	2.0	262.5	1.2
8	1.9	295.9	2.0
9	1.4	295.0	0.4
10	3.9	294.3	-3.2
11	3.9	265.0	-3.6
12	4.5	235.3	-3.6
13	5.1	270.4	-3.6
14	4.8	266.0	-3.6
15	5.5	254.1	-3.6
16	5.0	242.2	-3.4
17	4.5	163.7	-3.0
18	3.1	185.0	-2.6
19	1.8	205.0	2.0
20	0.9	220.9	10.6
21	1.0	185.0	12.2
22	0.9	186.0	10.8
23	1.0	187.0	11.8
24	0.9	188.5	10.0
1	1.2	174.5	10.0
2	0.7	73.2	11.2
3	1.1	80.0	9.4
4	1.3	97.2	11.4
5	0.8	98.7	12.4
6	1.6	120.6	10.4

STOPPING TIME 10/16/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95133

CONTAINMENT PURGE

STARTING TIME 10/19/95

HOUR 16 MINUTE 56

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	9.2	315.3	-2.4
17	8.3	313.3	-2.2
18	10.6	323.7	-1.8
19	8.8	326.9	-1.2
20	9.0	319.7	-1.2
21	9.8	321.5	-1.4
22	7.3	326.8	-1.0
23	6.9	316.6	-0.8
24	4.7	298.6	-0.4
1	5.9	308.8	-1.2
2	6.6	318.4	-0.4
3	6.0	312.0	-0.2
4	6.5	312.5	-1.0
5	6.3	313.4	-0.8
6	7.2	313.4	-0.8
7	6.9	317.6	-1.2
8	8.1	319.3	-1.2
9	7.8	321.1	-2.0
10	11.1	325.4	-3.0
11	14.4	329.9	-3.0
12	13.6	329.5	-2.8
13	14.1	328.6	-3.4
14	12.7	324.6	-3.8
15	14.3	329.8	-4.0
16	14.1	331.8	-4.4
17	13.0	338.1	-3.0
18	11.9	337.7	-2.4
19	9.9	334.6	-1.4
20	7.0	329.4	-0.8
21	5.9	323.8	-0.4
22	6.3	314.8	-1.4
23	7.3	320.0	-2.0
24	6.6	326.9	-1.8
1	5.7	330.1	-1.4
2	3.9	329.5	-1.3
3	3.5	322.4	-1.2
4	3.2	311.7	-1.6
5	3.2	322.7	-0.6
6	2.5	307.5	1.0
7	1.9	292.0	2.0
8	1.7	293.7	2.4
9	2.9	306.0	-0.8
10	3.9	327.2	-3.0
11	3.5	284.6	-4.8
12	4.5	283.3	-5.6
13	4.9	285.7	-5.8
14	5.9	263.1	-6.0
15	6.2	265.7	-5.4
16	4.5	281.2	-5.2
17	4.4	296.6	-4.8

18	2.5	275.9	-3.2
19	1.8	202.0	4.2
20	1.5	144.8	12.0
21	1.4	132.1	19.0
22	2.3	108.2	23.0
23	1.7	116.4	23.2
24	3.3	132.8	26.2
1	1.5	124.1	23.8
2	1.0	163.1	17.4
3	1.1	210.0	10.2
4	1.6	269.5	8.6
5	1.2	268.0	8.0
6	1.6	268.3	3.2
7	3.2	308.3	3.2
8	2.1	244.9	3.2
9	1.9	180.0	3.6
10	2.5	125.4	-0.6
11	4.9	82.3	-1.4
12	10.6	94.7	-3.2
13	11.9	95.1	-3.2
14	13.4	98.6	-3.6
15	12.9	90.5	-3.6
16	13.0	94.9	-3.4
17	12.1	90.9	-2.8
18	9.9	86.9	-1.6
19	5.9	72.3	-0.2
20	3.1	89.7	0.6
21	5.6	53.1	-1.0
22	7.2	60.3	-1.0
23	5.5	48.5	-0.2
24	5.8	62.2	-1.2
1	4.7	82.1	-1.4
2	4.8	94.3	-1.2
3	5.1	80.0	-0.4
4	5.2	65.0	-1.4
5	5.6	53.8	-1.6
6	5.0	82.4	-1.4

STOPPING TIME 10/23/95 HOUR 5 MINUTE 57

RELEASE NUMBER 95134

CONTAINMENT PURGE

STARTING TIME 10/26/95

HOUR 13 MINUTE 15

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	7.2	191.0	-2.6
14	7.2	189.2	-2.0
15	10.2	174.9	-2.0
16	8.7	158.2	-1.0
17	8.9	169.3	-1.6
18	10.7	172.7	-1.2
19	10.1	181.6	0.4
20	11.5	185.2	-0.2
21	9.7	203.2	0.6
22	5.9	245.6	3.0
23	3.1	270.0	2.2
24	3.7	300.5	1.4
1	4.5	286.4	1.2
2	3.7	287.3	1.4
3	4.8	262.6	1.4
4	4.8	276.8	0.8
5	4.5	263.3	0.2
6	5.2	282.3	-0.1
7	6.3	268.4	-0.2
8	5.3	284.1	-0.2
9	5.4	288.0	-0.6
10	6.5	289.7	-1.2
11	8.1	294.7	-1.6
12	10.1	298.6	-2.2
13	10.4	299.3	-2.4
14	10.5	295.7	-2.2
15	11.8	302.1	-2.2
16	11.6	307.7	-2.2
17	11.8	308.0	-2.0
18	10.7	313.5	-1.6
19	10.0	315.8	-1.2
20	7.4	315.6	-1.0
21	5.9	311.3	-0.4
22	5.2	298.8	1.0
23	3.7	294.2	2.2
24	4.1	289.3	2.2
1	4.6	289.9	1.6
2	5.9	293.2	1.4
3	5.6	291.9	1.0
4	5.4	291.1	1.0
5	8.0	296.5	-0.4
6	8.3	300.2	-0.4
7	8.3	308.8	-0.4
8	8.5	301.0	-0.6
9	6.8	300.4	-1.2
10	6.8	314.4	-3.0
11	8.7	319.1	-4.0
12	10.3	322.3	-4.6
13	10.1	317.1	-5.0
14	9.9	313.7	-5.4

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15	9.7	315.8	-5.0
16	9.7	319.6	-4.6
17	7.8	320.5	-3.8
18	5.3	311.1	-2.0
19	1.6	300.0	4.8
20	1.3	288.6	7.4
21	1.3	268.6	7.4
22	1.8	167.3	15.8
23	1.7	149.8	23.4
24	3.1	133.8	26.2
1	3.4	148.0	14.8
2	2.5	121.7	7.8
3	1.7	83.6	13.2
4	1.9	110.0	16.0
5	1.3	165.0	13.8
6	0.9	209.4	7.0
7	2.4	314.8	1.0
8	1.6	300.0	-0.5
9	1.5	284.4	-0.5
10	2.1	192.3	-0.6
11	5.3	140.0	-1.6
12	8.8	88.5	-2.0
13	10.3	87.8	-2.2
14	9.8	82.3	-3.0
15	10.4	70.1	-4.2
16	11.3	60.3	-3.6
17	11.9	54.7	-4.0
18	10.4	55.9	-2.6
19	10.6	55.9	-2.0
20	8.8	58.3	-2.0
21	7.4	56.1	-2.0
22	5.9	54.5	-1.8
23	4.7	51.0	-1.8
24	4.9	63.5	-2.0
1	5.5	91.3	-2.0
2	7.7	54.7	-2.2

STOPPING TIME 10/30/95 HOUR 1 MINUTE 42

RELEASE NUMBER 95135 CONTAINMENT PURGE

STARTING TIME 11/ 2/95 HOUR 13 MINUTE 5

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	10.2	303.6	-4.6
14	9.3	297.7	-4.8
15	9.9	294.6	-4.2
16	8.3	293.5	-3.6

STOPPING TIME 11/ 2/95 HOUR 15 MINUTE 44

STARTING TIME 11/ 2/95 HOUR 15 MINUTE 52

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
15	9.9	294.6	-4.2
16	8.3	293.5	-3.6
17	8.5	294.1	-2.4
18	5.5	286.6	-0.6
19	6.1	297.1	-0.6
20	8.1	303.0	-1.4
21	6.3	301.3	-1.8
22	8.0	301.4	-2.0
23	9.0	311.9	-2.2
24	9.8	310.4	-2.2
1	8.3	313.5	-2.0
2	7.6	311.6	-1.8
3	7.1	308.7	-1.6
4	6.5	303.2	-1.6
5	4.5	293.0	-1.2
6	4.0	290.3	-1.0
7	4.4	293.4	-1.2
8	4.3	284.8	-2.0
9	5.0	296.0	-3.6
10	5.5	295.6	-4.8
11	5.9	299.7	-5.2
12	5.7	294.9	-5.2
13	6.3	298.5	-5.4
14	7.4	303.4	-5.2
15	8.4	308.5	-4.4
16	6.9	305.9	-3.6
17	7.2	317.4	-2.6
18	4.6	332.4	-0.8
19	3.7	323.8	0.2
20	3.7	313.6	-0.2
21	1.7	307.0	0.8
22	1.9	302.3	1.4
23	2.8	300.6	0.4
24	1.8	283.8	1.6
1	1.5	294.4	2.4

STOPPING TIME 11/ 4/95

HOUR 0 MINUTE 4

STARTING TIME 11/ 4/95

HOUR 4 MINUTE 5

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
4	2.1	208.7	4.0
5	3.8	244.3	2.2
6	2.6	263.5	0.2
7	2.2	230.0	0.4
8	3.1	199.2	-0.6
9	4.5	228.4	-2.6
10	6.7	211.4	-2.8
11	10.3	213.9	-3.2
12	9.4	220.2	-3.4
13	9.7	206.1	-3.6
14	12.0	204.3	-3.2
15	11.7	197.9	-2.8
16	11.0	180.9	-2.2
17	7.9	168.1	-1.2
18	9.5	168.8	-0.2
19	9.3	164.6	-0.2
20	12.5	181.8	-0.4
21	8.8	174.1	-0.8
22	12.7	183.8	-1.2
23	15.1	195.8	-1.6
24	12.1	178.3	-1.6
1	12.0	168.1	-1.6
2	12.2	167.4	-1.8
3	13.8	168.9	-1.6
4	16.1	171.4	-1.8
5	17.6	174.2	-1.6
6	15.0	170.1	-1.2
7	13.0	166.7	-1.4
8	12.1	164.6	-1.4
9	17.4	179.2	-2.0
10	21.3	187.1	-2.4
11	20.2	196.0	-3.0
12	18.3	192.9	-3.2
13	20.4	190.3	-3.2
14	19.2	188.7	-3.2
15	17.8	188.0	-3.0
16	17.7	182.7	-2.4
17	15.9	183.0	-1.4
18	12.9	180.7	-0.5
19	12.6	181.4	-0.5
20	14.8	183.5	-0.5
21	16.6	185.2	-0.5
22	18.6	186.9	-0.5
23	19.3	190.8	-0.5
24	19.5	195.0	-0.2
1	15.1	192.0	-0.4
2	9.9	177.4	-0.4

3	7.5	164.6	-0.1
4	6.7	137.3	0.4
5	5.0	149.1	0.4
6	3.2	155.0	1.0
7	2.6	165.0	1.0

STOPPING TIME 11/ 6/95 HOUR 6 MINUTE 5

RELEASE NUMBER 95136

CONTAINMENT PURGE

STARTING TIME 11/ 9/95

HOUR 19 MINUTE 14

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
19	14.6	202.2	-0.5
20	12.1	226.2	-0.5
21	7.8	269.2	-0.5
22	7.6	323.9	-0.6
23	5.3	324.2	-0.8
24	5.7	333.7	-0.4
1	6.4	308.9	-1.2
2	7.1	337.0	-1.4
3	9.1	320.0	-1.8
4	11.5	302.1	-2.0
5	10.9	331.9	-2.0
6	10.2	321.9	-2.2
7	10.7	321.1	-2.2
8	11.5	315.3	-2.2
9	12.0	328.4	-2.4
10	13.0	344.7	-2.4
11	13.4	326.3	-2.4
12	13.2	338.3	-2.4
13	12.7	316.4	-2.6
14	10.2	297.1	-2.2
15	8.6	325.0	-1.8
16	11.3	341.1	-2.0
17	9.8	335.5	-1.8
18	9.8	330.6	-1.6
19	10.4	333.3	-1.4
20	12.2	335.4	-1.6
21	11.6	332.8	-1.6
22	12.5	333.6	-1.4
23	9.1	328.3	-0.8
24	11.5	327.9	-0.6
1	11.4	329.3	-1.2
2	10.6	330.4	-1.2
3	10.5	329.9	-1.2
4	9.9	329.1	-1.0
5	9.5	327.3	-0.8
6	6.4	327.7	-0.4
7	5.1	324.4	0.4
8	3.8	310.2	0.4
9	3.0	290.7	-2.4
10	3.8	274.3	-4.0
11	4.5	281.0	-4.2
12	5.0	292.0	-4.0
13	5.4	268.4	-4.8
14	6.2	253.3	-4.4
15	9.1	221.2	-3.4
16	8.7	201.0	-2.4
17	10.1	178.0	-2.2
18	7.8	165.7	-1.4
19	8.6	171.6	-1.4
20	8.4	156.3	-1.2

21	9.7	162.2	-1.2
22	8.0	145.5	-1.2
23	14.6	165.1	-1.8
24	19.3	179.1	-1.8
1	12.3	175.6	-1.8
2	8.3	164.0	-1.4
3	6.5	143.3	-1.0
4	5.9	118.8	-1.2
5	6.4	119.9	-1.5
6	5.7	131.5	-1.5
7	3.9	172.3	-1.0
8	3.1	162.0	-1.4
9	3.5	209.8	-2.2
10	2.5	239.7	-2.4
11	1.8	212.3	-2.8
12	2.9	250.0	-2.8
13	3.4	289.6	-2.4
14	4.4	250.4	-2.4
15	3.5	260.0	-3.0
16	3.5	265.8	-2.0
17	3.1	271.7	-1.2
18	2.5	310.4	3.0
19	2.6	292.8	3.6
20	2.4	291.8	3.2
21	2.2	305.8	2.4
22	2.5	298.9	3.6
23	1.8	286.5	2.0
24	1.1	270.0	3.8
1	1.7	253.7	4.2
2	2.8	260.0	4.4
3	1.8	265.8	3.0
4	1.2	282.1	2.2
5	1.4	290.0	1.2
6	2.1	297.4	2.0

STOPPING TIME 11/13/95 HOUR 6 MINUTE 0

RELEASE NUMBER 95137

CONTAINMENT PURGE

STARTING TIME 11/16/95

HOUR 14 MINUTE 6

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	12.6	130.6	-3.2
15	9.6	122.1	-2.4
16	5.7	104.2	-1.8
17	5.5	115.5	1.2
18	3.8	116.2	3.2
19	3.2	125.0	3.6
20	3.9	129.9	3.8
21	1.8	210.0	3.4
22	3.5	295.1	6.8
23	2.5	295.3	3.4
24	2.8	300.4	2.4
1	4.3	312.0	0.4
2	5.6	319.8	-0.6
3	6.0	319.6	-1.4
4	6.4	326.7	-1.8
5	7.4	326.5	-2.0
6	9.9	328.9	-2.0
7	10.0	330.9	-2.2
8	6.5	323.7	-2.0
9	8.0	326.8	-2.0
10	8.9	329.3	-2.2
11	9.8	333.1	-2.2
12	10.4	331.2	-2.2
13	10.3	330.1	-2.2
14	9.2	327.1	-2.4
15	8.7	329.7	-2.4
16	7.7	327.5	-2.2
17	5.3	320.1	-1.6
18	5.0	329.7	-1.6
19	3.7	322.1	-1.4
20	2.6	305.8	-1.4
21	2.0	284.6	2.4
22	1.7	245.0	5.2
23	1.5	206.5	7.4
24	1.9	207.0	9.2
1	1.4	208.8	9.6
2	3.3	217.3	6.8
3	3.2	185.0	7.4
4	3.8	147.8	4.8
5	4.9	117.2	1.4
6	6.5	117.9	2.6
7	8.1	109.0	3.2
8	8.1	108.9	3.2
9	8.6	128.5	1.6
10	10.6	146.4	-1.8
11	13.3	153.3	-2.2
12	13.1	160.1	-2.8
13	11.4	161.8	-3.0
14	10.7	157.7	-3.0
15	9.6	151.6	-3.0

16	10.5	131.1	-1.8
17	8.6	132.6	-0.5
18	6.0	139.3	1.5
19	7.2	132.3	1.5
20	10.9	154.4	-0.5
21	12.7	168.2	-0.2
22	14.8	167.8	-0.2
23	14.9	168.6	-0.5
24	14.0	175.1	0.2
1	17.8	185.1	1.2
2	16.4	195.4	1.4
3	18.4	192.7	1.2
4	16.2	195.1	0.6
5	12.5	202.1	-0.5
6	9.6	201.8	-0.2
7	6.0	226.0	-0.5
8	4.5	267.0	1.0
9	4.1	286.0	-1.4
10	8.9	323.8	-3.6
11	9.0	331.0	-3.6
12	8.3	338.9	-3.6
13	8.8	333.0	-3.2
14	8.1	333.1	-3.2
15	8.4	336.3	-3.0
16	8.6	330.5	-2.6
17	7.7	331.7	-1.4
18	6.2	327.7	0.2
19	5.7	323.0	2.2
20	4.5	318.0	3.6
21	4.2	317.4	3.4
22	2.6	302.5	8.2
23	2.5	296.4	7.6
24	1.4	273.1	11.2
1	1.4	288.9	13.0
2	1.7	257.9	10.8
3	1.7	270.0	14.2
4	2.0	280.0	10.6
5	2.5	291.3	7.8
6	2.6	298.3	5.8
7	4.3	294.8	5.8

STOPPING TIME 11/20/95 HOUR 6 MINUTE 35

RELEASE NUMBER 95138

CONTAINMENT PURGE

STARTING TIME 11/22/95

HOUR 16 MINUTE 16

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
16	13.5	327.8	-2.4
17	11.4	332.0	-1.8
18	11.5	334.5	-1.8
19	11.9	336.4	-1.8
20	9.9	331.4	-2.0
21	10.0	327.0	-2.0
22	9.4	332.2	-2.0
23	8.8	311.7	-2.2
24	8.9	335.5	-2.0
1	7.6	297.1	-1.8
2	7.5	325.4	-2.0
3	8.2	320.6	-1.8
4	6.8	290.0	-1.6
5	5.2	263.3	-1.4
6	5.5	293.7	-1.8
7	6.2	306.1	-2.4
8	5.6	329.1	-2.2
9	6.2	275.9	-2.6
10	6.3	237.7	-2.8
11	6.6	250.0	-3.0
12	4.8	260.0	-3.0
13	4.6	275.7	-3.0
14	4.7	304.4	-3.0
15	5.1	291.7	-3.0
16	4.4	282.5	-2.4
17	3.7	296.8	-2.2
18	2.2	308.7	-0.6
19	1.7	257.9	3.0
20	1.6	220.0	4.0
21	1.7	187.3	6.8
22	1.2	175.0	9.2
23	1.7	169.2	10.6
24	2.1	198.5	11.8
1	2.6	161.8	7.8
2	5.0	154.9	3.2
3	4.3	128.0	3.4
4	5.6	147.8	0.2
5	9.2	142.9	0.6
6	10.1	161.3	-1.2
7	10.8	157.1	-1.4
8	11.9	153.2	-1.6
9	12.9	162.4	-2.2
10	17.2	168.1	-2.4
11	20.1	168.7	-3.0
12	19.3	169.8	-3.2
13	21.1	178.1	-3.2
14	18.7	186.3	-2.8
15	14.3	186.6	-2.6
16	8.7	175.1	-2.0
17	6.9	136.3	-0.2

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18	9.5	167.0	1.2
19	12.7	198.5	-0.2
20	12.5	202.5	0.4
21	18.9	213.2	0.8
22	19.7	215.6	2.6
23	18.4	180.0	2.8
24	7.4	145.6	2.6
1	2.8	146.0	5.0
2	1.7	157.7	13.8
3	1.5	159.0	16.4
4	1.2	185.3	16.8
5	1.6	220.0	15.8
6	1.4	255.0	18.4
7	1.5	244.5	13.4
8	2.2	255.6	9.0
9	1.9	266.0	2.2
10	2.6	330.0	-1.8
11	3.8	30.0	-2.6
12	3.8	93.2	-2.6
13	4.9	98.8	-2.8
14	7.5	124.2	-3.2
15	9.3	126.8	-3.0
16	9.4	132.2	-1.4
17	8.0	154.0	-0.2
18	5.0	151.7	2.8
19	9.7	167.5	1.0
20	11.7	170.2	0.2
21	17.8	184.9	-0.5
22	13.2	180.1	-0.5
23	8.6	175.4	-0.6
24	6.3	166.5	-0.2
1	4.8	126.5	1.0
2	5.1	139.7	0.2
3	3.4	165.0	4.8
4	2.5	195.0	9.0
5	2.2	222.5	9.8
6	1.5	237.9	15.4
7	1.3	256.8	15.6
8	1.9	275.0	12.4
9	2.1	297.9	9.4
10	2.3	20.0	-0.8
11	2.9	89.1	-2.0
12	5.3	60.7	-2.4
13	5.9	51.3	-2.6
14	7.7	55.7	-2.6
15	6.9	62.2	-2.6
16	7.3	63.3	-2.0
17	5.8	42.3	-1.4
18	6.1	86.7	-1.4
19	6.5	145.3	-1.6
20	7.2	165.0	-1.8
21	9.9	185.8	-2.2
22	11.1	230.0	-2.2
23	10.2	276.4	-2.2
24	10.2	280.0	-2.2
1	10.4	280.6	-2.2

2	12.5	310.7	-2.0
3	12.7	330.3	-2.0
4	11.8	340.1	-2.0
5	13.6	334.8	-1.8
6	14.4	333.6	-2.4
7	13.7	334.8	-3.2

STOPPING TIME 11/27/95 HOUR 6 MINUTE 23

RELEASE NUMBER 95139

CONTAINMENT PURGE

STARTING TIME 11/30/95

HOUR 18 MINUTE 1

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
18	2.2	225.0	17.4
19	1.7	249.1	18.8
20	1.6	247.2	17.6
21	1.8	246.9	18.4
22	3.8	280.0	9.8
23	3.4	311.3	10.2
24	3.0	294.9	9.2
1	2.1	293.1	9.0
2	3.7	304.9	7.6
3	4.1	253.7	3.8
4	2.0	255.0	9.4
5	1.8	257.7	10.2
6	1.5	260.5	5.6
7	1.6	275.0	5.0
8	2.6	290.6	5.0
9	4.0	317.9	0.2
10	3.5	290.9	-2.0
11	4.7	197.3	-2.6
12	3.7	107.5	-3.0
13	3.4	95.5	-2.8
14	3.1	128.2	-2.4
15	5.2	115.6	-2.8
16	7.5	125.7	-2.4
17	5.7	133.6	-0.2
18	5.9	133.5	3.0
19	5.6	129.3	4.2
20	5.0	121.6	4.0
21	5.7	142.8	4.0
22	8.7	139.2	1.5
23	8.6	138.3	1.5
24	10.2	148.4	-0.5
1	17.6	165.0	-0.2
2	15.5	165.9	-0.4
3	16.2	177.0	-0.2
4	15.9	185.2	0.2
5	16.7	187.3	0.2
6	15.6	187.4	0.6
7	14.9	194.3	1.0
8	16.2	191.2	1.2
9	15.9	193.9	-0.4
10	13.0	193.6	-1.8
11	12.5	189.9	-2.6
12	9.1	220.0	-3.0
13	8.2	227.7	-3.2
14	7.2	252.9	-3.8
15	6.0	286.4	-3.8
16	5.4	309.5	-2.4
17	8.9	323.2	-0.8
18	9.5	331.2	-0.6
19	7.3	326.1	1.0

20	5.5	321.3	0.8
21	4.7	324.8	1.4
22	2.9	280.4	1.8
23	3.4	299.9	2.4
24	3.1	294.5	4.2
1	2.4	293.3	4.2
2	1.7	286.4	3.6
3	1.4	285.8	4.2
4	2.5	298.7	5.0
5	2.9	288.6	4.6
6	2.9	299.3	5.4
7	3.2	315.5	3.6
8	3.2	306.1	4.4
9	2.6	293.9	3.2
10	3.9	298.5	-1.8
11	5.2	302.5	-2.4
12	6.2	316.5	-3.4
13	6.9	327.9	-3.0
14	8.6	309.1	-3.8
15	9.4	323.4	-3.2
16	9.3	318.3	-2.4
17	6.2	321.2	0.8
18	4.5	318.1	4.0

STOPPING TIME 12/ 3/95 HOUR 17 MINUTE 4

STARTING TIME 12/ 3/95 HOUR 17 MINUTE 39

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
17	6.2	321.2	0.8
18	4.5	318.1	4.0
19	2.8	298.1	6.8
20	2.7	287.8	5.6
21	2.4	285.1	6.6
22	1.5	225.0	9.2
23	1.7	160.1	13.4
24	1.7	126.0	20.0
1	0.8	115.0	21.4
2	1.4	105.7	16.8
3	4.2	116.4	19.8
4	3.1	91.4	21.4
5	8.1	115.9	10.8
6	8.1	122.8	6.0

STOPPING TIME 12/ 4/95 HOUR 5 MINUTE 27

RELEASE NUMBER 95140

CONTAINMENT PURGE

STARTING TIME 12/ 7/95

HOUR 14 MINUTE 30

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	12.1	161.0	-2.0
15	10.8	157.5	-1.8
16	12.1	149.6	-1.6
17	13.8	146.5	-1.6
18	11.1	146.7	-1.2
19	14.2	148.7	-1.6
20	15.9	153.8	-1.8
21	13.1	155.2	-1.8
22	12.5	160.6	-1.8
23	12.4	151.4	-1.8
24	11.6	151.2	-1.8
1	15.2	150.5	-1.8
2	12.4	151.5	-1.8
3	11.4	135.0	-1.4
4	11.3	144.1	-1.4
5	13.3	148.9	-1.8
6	11.3	152.1	-1.8
7	11.4	162.4	-1.6
8	9.7	184.4	-1.8
9	13.7	255.0	-2.6
10	18.1	323.3	-2.4
11	18.3	327.1	-2.8
12	17.0	323.0	-2.8
13	18.4	325.8	-3.0
14	18.8	325.0	-3.0
15	16.7	328.2	-2.8
16	16.2	321.2	-2.2
17	13.5	320.1	-2.0
18	12.4	319.8	-1.4
19	11.3	315.8	-1.4
20	10.2	305.7	-1.6
21	8.9	303.2	-1.4
22	9.1	296.8	-1.4
STOPPING TIME	12/ 8/95		HOUR 21 MINUTE 30

STARTING TIME 12/ 8/95

HOUR 23 MINUTE 43

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
23	9.1	308.1	-1.4
24	8.8	306.8	-1.4
1	8.1	294.9	-1.0
2	6.0	284.1	0.2
3	7.7	289.7	-0.2
4	9.3	293.5	-1.2
5	10.3	287.6	-0.6
6	9.7	287.2	-0.4

7	8.9	288.4	-0.2
8	8.1	290.0	-0.6
9	6.5	285.1	-1.4
10	8.5	289.2	-2.4
11	9.3	294.5	-3.0
12	10.0	293.3	-3.0
13	9.2	293.0	-3.2
14	8.2	289.0	-3.2
15	7.2	290.9	-3.0
16	7.2	288.4	-2.2
17	4.1	281.2	0.2
18	2.4	278.8	3.2
19	2.4	247.9	4.8
20	2.7	273.8	5.4
21	3.8	277.9	3.2
22	2.8	262.0	3.8
23	2.9	253.2	3.6
24	1.8	240.0	5.6
1	2.9	230.0	7.0
2	1.0	216.6	7.8
3	1.9	185.0	8.2
4	2.4	157.6	10.2
5	2.7	139.1	10.0
6	3.2	160.9	9.4
7	3.8	138.9	4.8
8	4.6	120.4	2.0
9	4.5	113.0	1.8
10	4.1	111.5	3.0
11	2.6	101.3	-0.4
12	3.8	75.0	-2.0
13	3.1	50.0	-2.2
14	5.9	26.3	-3.8
15	5.9	48.2	-3.8
16	4.2	45.7	-2.8
17	5.1	46.8	-2.4
18	4.5	73.1	-2.0
19	4.3	75.4	-1.8
20	3.9	40.6	-2.2
21	4.9	44.2	-2.6
22	5.3	51.3	-2.6
23	6.1	42.2	-2.8
24	6.3	55.2	-2.6
1	6.4	50.2	-2.8
2	5.8	53.4	-2.6
3	6.9	51.9	-3.0
4	7.0	71.2	-2.8
5	7.2	78.4	-2.4
6	7.2	72.9	-2.6
7	5.2	65.6	-2.2

STOPPING TIME 12/11/95 HOUR 6 MINUTE 5

RELEASE NUMBER 95141

CONTAINMENT PURGE

STARTING TIME 12/14/95

HOUR 18 MINUTE 35

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
18	2.2	200.0	10.2
19	1.5	245.0	11.4
20	1.2	256.8	15.8
21	1.3	284.1	17.0
22	1.9	290.6	15.8
23	2.2	304.5	5.2
24	2.6	292.3	4.8
1	2.0	290.0	6.0
2	2.1	287.1	6.6
3	1.9	289.8	3.4
4	3.0	297.7	1.6
5	2.2	299.5	0.6
6	1.1	255.0	1.0
7	1.0	210.7	1.6
8	1.4	190.0	2.6
9	1.8	164.4	1.5
10	2.8	147.4	-0.5
11	5.4	130.1	-1.0
12	6.7	115.5	-1.8
13	3.6	97.2	-1.4
14	4.9	103.0	-2.6
15	6.6	127.5	-2.6
16	2.6	94.2	-2.0
17	5.3	130.4	-0.4
18	5.1	136.8	0.4
19	5.9	129.3	0.6
20	6.5	119.5	1.0
21	6.2	105.6	1.2
22	4.4	107.2	1.6
23	5.0	102.6	2.4
24	3.2	107.6	2.8
1	2.5	101.0	3.8
2	2.4	110.0	1.8
3	4.0	123.5	3.2
4	3.8	113.7	4.4
5	5.5	153.0	1.2
6	6.8	163.2	1.2
7	5.2	121.9	2.4
8	7.9	165.7	2.0
9	6.3	163.3	1.4
10	8.6	178.6	-1.0
11	9.3	177.0	-1.6
12	10.6	176.0	-1.8
13	7.0	161.2	-2.2
14	7.6	152.8	-1.6
15	9.2	134.5	1.0
16	8.5	129.8	1.4
17	8.0	130.1	1.8
18	7.3	135.8	3.8
19	7.0	141.7	3.2

20	9.0	135.3	2.6
21	8.3	124.8	2.6
22	5.9	131.9	2.8
23	8.0	135.2	1.4
24	7.4	129.8	1.4
1	8.6	121.0	3.2
2	8.2	127.6	2.8
3	2.8	128.5	2.0
4	1.0	166.1	3.8
5	1.3	185.0	2.6
6	1.3	206.2	5.6
7	1.9	205.0	5.4
8	1.2	203.3	5.8
9	3.3	163.7	1.6
10	3.6	130.0	-0.2
11	3.3	100.0	0.8
12	2.3	77.5	1.2
13	3.6	54.7	-0.8
14	2.8	49.6	-0.6
15	2.2	340.0	-0.5
16	2.3	269.5	-0.5
17	1.9	245.0	-0.5
18	2.5	219.7	-0.6
19	2.3	193.0	-0.6
20	2.5	220.0	-0.8
21	2.9	265.0	-0.4
22	4.2	315.6	0.2
23	4.3	319.1	-0.6
24	4.5	322.2	-1.4
1	5.1	334.4	-1.6
2	5.2	300.4	-1.6
3	5.2	280.4	-1.6
4	6.3	270.0	-1.6
5	6.6	260.0	-1.6
6	6.1	251.6	-1.8
STOPPING TIME		12/18/95	HOUR 5 MINUTE 16

RELEASE NUMBER 95142

CONTAINMENT PURGE

STARTING TIME 12/21/95

HOUR 17 MINUTE 45

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
17	4.9	318.3	-2.2
18	5.6	332.7	-1.8
19	4.9	330.7	-1.8
20	5.6	332.0	-2.0
21	5.7	334.5	-2.2
22	6.0	325.0	-2.2
23	5.9	319.3	-2.2
24	5.6	319.9	-2.4
1	5.8	320.0	-2.4
2	5.1	325.0	-2.4
3	5.6	326.7	-2.4
4	5.7	336.4	-2.0
5	5.3	334.5	-2.4
6	5.6	293.6	-2.4
7	4.7	291.8	-2.4
8	4.6	332.8	-2.2

STOPPING TIME 12/22/95 HOUR 7 MINUTE 45

STARTING TIME 12/22/95

HOUR 12 MINUTE 22

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
12	5.9	314.0	-2.8
13	5.8	317.4	-2.8
14	5.5	331.7	-2.8
15	5.1	313.8	-3.0
16	5.9	321.2	-2.6
17	6.9	330.4	-2.2
18	7.0	331.4	-2.2
19	6.0	329.8	-2.0
20	6.3	326.1	-2.0
21	5.4	319.8	-2.2
22	4.3	288.7	-2.0
23	4.1	299.5	-2.0
24	6.3	327.3	-2.2
1	6.1	331.7	-2.0
2	6.1	325.7	-2.2
3	5.4	313.7	-2.2
4	5.3	310.0	-2.4
5	5.5	307.0	-2.4
6	5.3	304.0	-2.4
7	4.6	300.0	-2.4
8	4.3	297.6	-2.2
9	5.9	330.4	-2.2
10	4.7	310.7	-2.4
11	4.0	321.9	-2.4
12	4.2	322.3	-2.6

13	4.1	315.8	-2.8
14	4.4	314.4	-2.8
15	4.0	304.0	-2.4
16	3.1	292.1	-2.4
17	3.2	270.0	-2.2
18	4.3	250.1	-2.2
19	5.0	246.8	-2.2
20	6.5	234.5	-2.2
21	6.1	242.8	-2.2
22	6.2	228.1	-2.2
23	6.2	221.8	-2.2
24	5.8	220.5	-2.0
1	7.8	214.7	-1.8
2	10.0	202.7	-1.2
3	12.1	210.5	-1.0
4	10.9	223.7	-0.8
5	9.2	236.8	-0.4
6	5.8	263.0	0.4
7	4.9	286.4	0.4
8	4.4	288.4	-0.4
9	4.3	283.8	-1.8
10	4.1	284.3	-2.0
11	6.2	318.1	-2.2
12	6.7	336.0	-2.4
13	7.4	330.1	-2.4
14	9.3	330.3	-2.2
15	9.1	327.3	-2.2
16	8.4	326.4	-2.0
17	8.1	332.1	-2.0
18	5.9	333.5	-1.8

STOPPING TIME 12/24/95 HOUR 17 MINUTE 15

RELEASE NUMBER 95143

CONTAINMENT PURGE

STARTING TIME 12/28/95

HOUR 13 MINUTE 26

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
13	13.4	187.9	-3.4
14	13.1	190.9	-3.2
15	11.6	179.1	-3.0
16	12.1	179.0	-2.6
17	11.1	172.6	-2.0
18	7.6	163.2	-1.6
19	8.2	176.5	-1.8
20	9.9	183.1	-2.0
21	9.8	192.9	-2.0
22	11.5	186.9	-2.0
23	10.0	195.3	-2.0
24	11.0	192.7	-2.0
1	10.8	191.0	-2.0
2	11.2	193.0	-2.0
3	9.6	190.0	-2.0
4	9.4	184.6	-2.0
5	10.4	181.4	-2.0
6	11.1	182.9	-2.0
7	12.3	182.6	-1.8
8	11.8	187.6	-1.8
9	11.7	199.5	-2.0
10	11.7	193.7	-2.2
11	10.3	190.9	-2.4
12	10.8	193.2	-2.8
STOPPING TIME	12/29/95		HOUR 11 MINUTE 11

STARTING TIME 12/29/95

HOUR 14 MINUTE 1

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	11.8	204.1	-3.0
15	10.6	218.4	-2.4
16	9.2	227.9	-2.2
17	6.0	239.3	-1.8
18	3.5	231.0	-1.8
19	2.7	207.0	-1.6
20	1.3	182.2	-1.2
21	3.1	183.8	-0.6
22	4.5	181.3	-0.8
23	4.5	160.4	-1.0
24	9.1	184.5	-1.6
1	9.7	178.5	-1.8
2	7.9	166.3	-1.8
3	8.5	173.5	-1.8
4	7.1	168.2	-1.6
5	5.6	154.3	-1.6
6	7.1	160.8	-1.6

7	7.4	159.2	-1.6
8	7.8	155.0	-1.6
9	8.2	158.3	-1.8
10	8.9	167.1	-2.0
11	8.5	169.5	-2.2
12	6.7	163.3	-2.2
13	7.0	165.8	-2.2
14	6.7	170.6	-2.2
15	5.3	167.5	-2.2
16	5.2	143.6	-2.2
17	4.7	155.0	-1.8
18	5.0	148.0	-1.8
19	4.1	147.3	-1.2
20	3.7	167.2	-1.4
21	3.5	176.4	-1.2
22	4.7	174.6	-1.4
23	3.9	165.3	-1.2
24	3.5	183.6	-1.6
1	2.7	164.1	-0.2
2	2.7	189.6	0.2
3	4.0	172.4	-0.6
4	4.0	166.3	-0.2
5	2.7	153.1	0.2
6	4.9	166.1	-1.2
7	4.8	177.3	-1.6
8	4.5	175.2	-1.4
9	5.0	151.9	-1.8
10	6.8	144.0	-2.0
11	5.7	137.7	-2.0
12	5.8	129.4	-2.2
13	6.3	123.5	-2.2
14	6.2	112.0	-2.4
15	4.1	130.0	-2.2
16	2.9	140.0	-2.2
17	2.4	155.0	-1.8
18	2.0	170.0	-1.6
19	2.2	192.6	-1.2
20	1.7	192.3	-0.8
21	2.1	229.5	-0.8
22	2.7	261.2	-0.6

STOPPING TIME 12/31/95 HOUR 22 MINUTE 0

RELEASE NUMBER 95001

WASTE GAS

STARTING TIME 1/ 3/95

HOUR 11 MINUTE 48

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
11	5.6	294.9	-1.0
12	7.0	298.3	-1.1
13	7.8	300.3	-1.3
14	7.1	292.6	-1.2
15	7.1	290.0	-1.4
16	6.3	316.6	-1.2
17	5.0	316.8	-0.7
18	1.9	290.7	0.1
19	2.0	241.9	1.0
20	4.7	283.4	1.9
21	5.2	282.2	2.7
22	4.5	286.8	2.3
23	4.4	310.6	1.7
24	4.6	317.3	1.7
1	4.7	300.3	1.2
2	5.2	312.6	1.0
3	4.8	313.3	0.9
4	5.3	319.6	0.1
5	5.2	312.4	0.3
6	5.7	312.3	0.2
7	5.1	307.9	-0.2
8	5.0	283.9	0.2
9	4.6	305.2	-0.5
10	5.5	315.4	-1.1
11	6.4	318.8	-1.2
12	5.4	317.1	-1.3
13	4.7	324.7	-1.2
14	4.0	324.1	-1.4
15	3.0	293.3	-1.6
16	3.3	265.6	-1.3
17	3.6	250.7	-1.0
18	2.1	166.1	-0.3
19	2.4	145.7	1.1
20	2.7	157.9	1.1
21	4.0	114.7	0.9
22	5.8	151.1	2.0
23	6.1	162.1	0.9
24	4.2	122.7	0.4
1	5.2	150.3	0.2
2	9.1	178.5	-0.3
3	12.2	192.4	0.3
4	13.8	189.5	-0.2
5	13.1	186.3	-0.5
6	10.9	177.4	-0.6
7	10.6	172.2	-0.5
8	11.1	170.0	-0.4
9	11.4	175.3	-0.7
10	10.8	176.3	-1.0
11	11.6	175.7	-1.0
12	11.6	179.3	-1.3

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13	9.2	174.5	-1.3
14	9.9	165.2	-1.3
15	9.4	160.5	-1.1
16	12.1	171.2	-1.2
17	11.7	170.8	-1.0
18	12.3	171.5	-1.1
19	10.6	169.5	-1.1
20	9.5	162.0	-1.1
21	8.1	169.6	-0.9
22	7.4	171.2	-1.0
23	7.3	166.1	-0.9
24	8.3	166.0	-0.9
1	8.9	168.0	-0.9
2	8.0	168.6	-0.8
3	7.6	170.4	-1.0
4	7.3	175.4	-0.8
5	8.1	177.0	-0.8
6	6.5	184.1	-1.0
7	4.5	185.0	-0.9
8	1.1	177.7	-0.8
9	1.6	273.6	-1.1
10	11.2	352.2	-1.1
11	10.8	324.8	-1.2
12	11.0	326.7	-1.2
13	9.5	326.4	-1.3
14	10.7	331.7	-1.3
15	11.0	329.2	-1.2
16	10.5	331.4	-1.3
17	12.1	352.8	-1.2
18	10.5	327.3	-1.1
19	12.0	325.2	-0.7
20	9.7	326.2	-0.7
21	9.4	324.1	-0.6
22	9.9	313.7	-0.6
23	9.3	314.7	-0.5
24	10.7	315.3	-0.5
1	6.8	310.5	-0.4
2	5.1	308.3	-0.3
3	5.3	299.6	-0.2
4	5.0	283.1	0.2
5	5.3	298.0	0.8
6	5.5	282.9	1.2
7	2.8	213.8	2.2
8	2.4	211.8	2.7
9	3.2	251.9	1.6
10	3.1	218.8	-0.8
11	5.7	189.6	-1.1
12	7.2	193.6	-1.2
13	9.4	184.2	-1.3
14	8.6	168.3	-1.4
15	8.9	181.3	-1.4
16	7.3	176.9	-1.3
17	6.4	163.2	-0.9
18	4.5	154.3	-0.6

STOPPING TIME 1/ 7/95 HOUR 17 MINUTE 57

VI-205

RELEASE NUMBER	95002	WASTE GAS	
STARTING TIME	1/30/95	HOUR 18 MINUTE 22	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
18	5.3	173.3	-0.6
19	7.3	182.2	0.5
20	9.4	186.1	0.8
21	10.9	208.1	0.9
22	15.6	214.9	1.1
23	14.8	215.8	2.6
24	13.2	225.3	4.2
1	9.5	252.8	2.8
STOPPING TIME	1/31/95	HOUR 0 MINUTE 35	

RELEASE NUMBER	95003	WASTE GAS	
STARTING TIME	2/13/95	HOUR 13 MINUTE 42	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
13	2.3	120.0	-0.5
14	1.8	210.0	-1.5
15	3.0	210.0	-1.5
16	3.0	270.0	-1.7
17	0.6	220.0	-1.9
18	0.6	170.0	1.5
19	1.2	120.0	1.5
20	1.2	120.0	1.5
21	1.2	90.0	1.5
22	1.8	90.0	-0.5
STOPPING TIME	2/13/95	HOUR 21 MINUTE 4	

RELEASE NUMBER 95004

WASTE GAS

STARTING TIME 2/19/95

HOUR 17 MINUTE 30

TIME WS10
HOUR MPH

WD10
DEG

DT110
DEG C

17	8.8	199.3	-1.4
18	8.4	179.8	-0.6
19	7.7	179.1	0.8
20	8.7	169.7	1.3
21	11.7	181.0	1.5
22	14.9	206.3	1.8
23	17.8	209.5	1.0
24	16.9	212.9	1.4

STOPPING TIME 2/19/95

HOUR 23 MINUTE 40

RELEASE NUMBER	95005	WASTE GAS	
STARTING TIME	3/ 7/95	HOUR 18 MINUTE 47	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
18	10.2	340.0	-0.5
19	9.0	340.0	-0.5
20	9.0	340.0	-0.5
21	5.4	350.0	-0.5
22	5.4	360.0	-0.5
23	4.2	360.0	1.5
24	3.0	320.0	4.0
1	6.0	310.0	4.0
2	7.2	320.0	1.5
STOPPING TIME	3/ 8/95	HOUR 1 MINUTE 35	

RELEASE NUMBER	95006	WASTE GAS	
STARTING TIME	3/30/95	HOUR 5 MINUTE 55	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
5	6.8	310.0	-0.9
6	7.0	330.0	-1.1
7	6.4	320.0	-0.6
8	6.9	320.0	-1.0
9	4.7	310.0	-1.2
10	4.2	315.0	-1.2
11	4.6	310.0	-1.4
12	5.6	310.0	-0.9
13	6.3	305.0	-1.6
14	5.9	305.0	-0.9
STOPPING TIME	3/30/95	HOUR 13 MINUTE 6	

RELEASE NUMBER	95007	WASTE GAS	
STARTING TIME	3/30/95	HOUR 21 MINUTE 36	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
21	1.9	350.0	-0.6
22	1.5	340.0	-0.8
23	1.4	300.0	0.4
24	1.4	270.0	0.5
1	1.7	180.0	-0.5
2	2.3	160.0	-0.1
3	2.0	140.0	-0.1
4	1.9	130.0	0.3
5	1.9	120.0	1.4
STOPPING TIME	3/31/95	HOUR 4 MINUTE 40	

RELEASE NUMBER	95008	WASTE GAS	
STARTING TIME	4/ 8/95	HOUR 21 MINUTE 10	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
21	12.6	30.0	-0.5
22	8.4	50.0	-0.5
23	15.6	80.0	-0.5
24	12.0	360.0	-0.5
1	9.0	10.0	-0.5
2	9.0	40.0	-0.5
3	8.4	30.0	-0.5
4	9.0	50.0	-0.5
5	12.6	40.0	-0.5
STOPPING TIME	4/ 9/95	HOUR 4 MINUTE 2	

RELEASE NUMBER 95009

WASTE GAS

STARTING TIME 4/ 9/95

HOUR 14 MINUTE 7

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
14	9.6	60.0	-0.5
15	12.0	70.0	-0.5
16	8.4	70.0	-0.5
17	9.0	70.0	-0.5
18	7.8	30.0	-0.5
19	8.4	50.0	-0.5
20	9.0	50.0	-0.5
21	8.4	50.0	-0.5
STOPPING TIME	4/ 9/95		HOUR 20 MINUTE 12

RELEASE NUMBER 95010 WASTE GAS
STARTING TIME 4/ 9/95 HOUR 21 MINUTE 0
TIME WS10 WD10 DT110
HOUR MPH DEG DEG C
21 8.4 50.0 -0.5
22 5.4 50.0 -0.5
23 7.8 40.0 -0.5
24 9.0 40.0 -0.5
1 7.8 50.0 -0.5
2 7.8 70.0 -0.5
3 9.0 40.0 -0.5
4 9.0 40.0 -0.5
STOPPING TIME 4/10/95 HOUR 3 MINUTE 50

RELEASE NUMBER	95011	WASTE GAS	
STARTING TIME	5/11/95	HOUR 19 MINUTE 30	
TIME	WS10	WD10	DT110
HOUR	MPH	DEG	DEG C
19	4.8	220.0	-0.5
20	4.2	180.0	1.5
21	4.2	170.0	1.5
22	4.2	130.0	1.5
23	3.6	160.0	1.5
24	4.8	150.0	1.5
1	3.0	170.0	4.0
2	3.0	180.0	4.0
STOPPING TIME	5/12/95	HOUR 1 MINUTE 25	

RELEASE NUMBER 95012

WASTE GAS

STARTING TIME 11/ 8/95

HOUR 0 MINUTE 0

TIME WS10
HOUR MPH

WD10
DEG

DT110
DEG C

1 3.0 302.4
2 2.7 260.1
3 3.1 210.0
STOPPING TIME 11/ 8/95

1.2
1.2
1.4
HOUR 2 MINUTE 55

RELEASE NUMBER 95013

WASTE GAS

STARTING TIME 11/10/95

HOUR 19 MINUTE 20

TIME HOUR	WS10 MPH	WD10 DEG	DT110 DEG C
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19	10.4	333.3	-1.4
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20	12.2	335.4	-1.6
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21	11.6	332.8	-1.6
----	------	-------	------

22	12.5	333.6	-1.4
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23	9.1	328.3	-0.8
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STOPPING TIME 11/10/95

HOUR 22 MINUTE 40

SECTION VII
POTENTIAL DOSES TO INDIVIDUALS AND POPULATIONS

(Regulatory Guide 1.21)

January 1, 1995 - December 31, 1995

POTENTIAL DOSES TO INDIVIDUALS AND POPULATIONS

A. Potential Annual Doses to Individuals from Gaseous Releases

Total body, skin, and organ doses from ground releases were calculated in millirem (mrem) to an average adult, teenager, child, infant using the annual configuration of the GASPARI program. Results to each receptor are shown in Tables VII-A-1 through VII-A-32. Also, the doses to the same groups, Table VII-B-1, in units of millirads (mrad), due to gamma and beta radiation carried by air, were computed using GASPARI. In its annual configuration, GASPARI assumes that all release rates are entered in curies per year (Ci/yr).

The inputs to GASPARI for the annual period from January 1, 1995 through December 31, 1995 were as follows:

- (1) All gaseous effluents were as described in Section III.
- (2) Entrained gases (Ar-41, Xe-131M, Xe-133M, Xe-133, Xe-135M, Xe-135, Kr-85M, Kr-87, and Kr-88) from Liquid effluents were described in Section IV.
- (3) Annual "X/Qs" at the actual receptor locations, which are corrected for open terrain and plume depletion are calculated according to Regulatory Guide 1.111. Also included are annual deposition rates corrected for the open terrain factor.
- (4) The production, intake and grazing fractions were as follows: 1.0 for leafy vegetables grown in garden of interest, 0.76 for produce grown in garden of interest, 0.5 for the pasture grazing season of the milk animal, 1.0 for pasture grazing season of the meat animal, and 8 g/m^3 for the air water (humidity) concentrations.

Potential Annual Doses to Individuals from Gaseous Releases (Con't)

- (5) All dose factors, transport times from receptor to individual, and usage factors are defined by Regulatory Guide 1.109 and NUREG-0172.
- (6) Site specific information, within a five mile radius of the plant, on types of receptors located in each sector was used. That is, if a cow was not present in a sector, then the milk pathway for that sector was not considered. If it was present, then its actual sector distance was used.

These inputs introduce a most conservative approach for the following reasons:

- (1) The open terrain and deposition corrections increase annual "X/Qs" by a factor ranging between 1.0 and 4.0.
- (2) The production, intake, and grazing fractions, as defined in the input definition statement, represent the environment in an extremely conservative manner.

B. Potential Semiannual Doses to Population from Gaseous Releases

The GASPAR II program in its annual configuration was also used to calculate the ALARA integrated population dose summary for the total body, skin, and organ doses in manrems for all individuals within a 50 mile radius. Results are shown in Table VII-C-1. The population integrated dose is the summation of the dose received by all individuals and has units of man-thyroid-rem when applied to the summation of thyroid doses. The same inputs were used as in the individual case with the addition of the following:

- (1) A total population of 760,413, based on the 1990 census, was used to define the sector segments within a 50 mile radius of the plant.
- (2) Production of milk, meat, and vegetation are based on 1973 annual data for Nebraska as recommended by the NRC for use in GASPAR II.

C. Potential Annual Doses to Individuals from Liquid Releases

The body, skin, and organ mrem for liquid releases were calculated for all significant liquid pathways using the annual configuration of the LADTAP II program. Dose conversion factors used by LADTAP II for ingestion and shoreline deposition are shown in Table VII-D-1. Results are shown in Tables VII-D-2 through VII-D-9.

The inputs to LADTAP II for the semiannual period from January 1, 1995 through December 31, 1995 were as follows:

- (1) All liquid effluents were as described in Section IV, except for the entrained gases (Ar-41, Xe-131M, Xe-133M, Xe-133, Xe-135M, Xe-135, Kr-85M, Kr-87, and Kr-88).
- (2) A plant discharge rate of 802.0 cubic feet per second (CFS) was utilized.
- (3) Dilution factors (inverse of the mixing ratios) were computed based on Regulatory Guide 1.113 (equation 7 in Section 2.a.1 of Appendix A) for a one-dimensional transport model.
- (4) A drinking water transport time of 6.6 hours to the Omaha intake and 7.0 hours to the Council Bluffs intake for the ALARA doses in Table VII-D-2 through VII-D-5 was used. For Tables VII-D-6 through VII-D-9, a transport time of 0.0 was used from the plant to the discharge site.
- (5) A shorewidth factor of 0.2 was used.
- (6) All dose factors, transport times from receptor to individual, and usage factors are defined by Regulatory Guide 1.109 and NUREG-0172.

The discharge site in Tables VII-D-6 through VII-D-9 was chosen to present a most conservative estimate of mrem dose for an average adult, teenager, child, and infant. A conservative approach is also presented by the assumption that Omaha and Council Bluffs receive all drinking water from the Missouri River.

D. Potential Annual Doses to Population from Liquid Releases

The LADTAP II program in its annual configuration was also used to calculate the total body and organ doses for the population of 760,413 within a 50 mile radius of the plant. Results are shown in Tables VII-E-1 through VII-E-6. The same input was used as in the individual cases with the addition of the following:

- (1) Dilution factors and transport times for the pathways of sportfish, commercial fish, recreation and biota were calculated based on a distance of two miles downstream as approximately the distance to the nearest recreational facility - DeSoto Bend National Wildlife Refuge.
- (2) The total fish harvest for both sport and commercial purposes was calculated using an average commercial fish catch for Nebraska.

E. Direct Radiation Doses to Individuals and Population

Direct radiation doses, attributed to the gamma radiation emitted from the containment structure, were not observed above local background at any TLD sample locations for this annual period.

TABLE VII-A- 1

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 1 RES
 AT 4.53 MILES N

ANNUAL BETA AIR DOSE = 1.76E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 5.91E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.63E-04	: 9.94E-04
GROUND	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 3.10E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.97E-06	: 1.91E-06	: 1.37E-07	: 2.05E-06	: 2.19E-06	: 6.58E-05	: 1.92E-06	: 1.86E-06
TEEN	: 2.02E-06	: 1.93E-06	: 1.93E-07	: 2.14E-06	: 2.33E-06	: 8.05E-05	: 1.98E-06	: 1.88E-06
CHILD	: 1.80E-06	: 1.68E-06	: 2.62E-07	: 1.92E-06	: 2.09E-06	: 8.89E-05	: 1.75E-06	: 1.66E-06
INFANT	: 1.06E-06	: 9.63E-07	: 2.06E-07	: 1.19E-06	: 1.23E-06	: 8.07E-05	: 1.04E-06	: 9.53E-07

TABLE VII-A- 2

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 2 RES
 AT 1.86 MILES NNE

ANNUAL BETA AIR DOSE = 9.70E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.30E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 2.03E-03	: 5.53E-03
GROUND	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.45E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.08E-05	: 1.05E-05	: 7.90E-07	: 1.13E-05	: 1.20E-05	: 3.76E-04	: 1.05E-05	: 1.01E-05
TEEN	: 1.11E-05	: 1.06E-05	: 1.11E-06	: 1.18E-05	: 1.29E-05	: 4.60E-04	: 1.09E-05	: 1.02E-05
CHILD	: 9.89E-06	: 9.20E-06	: 1.51E-06	: 1.05E-05	: 1.15E-05	: 5.09E-04	: 9.59E-06	: 9.04E-06
INFANT	: 5.81E-06	: 5.26E-06	: 1.19E-06	: 6.59E-06	: 6.82E-06	: 4.62E-04	: 5.71E-06	: 5.20E-06

TABLE VII-A- 3

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 3 RES
 AT 1.47 MILES NE

ANNUAL BETA AIR DOSE = 9.99E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.44E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.02E-03	: 2.02E-03	: 2.02E-03	: 2.02E-03	: 2.02E-03	: 2.02E-03	: 2.12E-03	: 5.74E-03
GROUND	: 1.28E-06	: 1.28E-06	: 1.28E-06	: 1.28E-06	: 1.28E-06	: 1.28E-06	: 1.28E-06	: 1.55E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.10E-05	: 1.07E-05	: 8.21E-07	: 1.15E-05	: 1.23E-05	: 3.89E-04	: 1.07E-05	: 1.03E-05
TEEN	: 1.13E-05	: 1.08E-05	: 1.15E-06	: 1.20E-05	: 1.32E-05	: 4.76E-04	: 1.11E-05	: 1.04E-05
CHILD	: 1.01E-05	: 9.39E-06	: 1.57E-06	: 1.08E-05	: 1.18E-05	: 5.27E-04	: 9.78E-06	: 9.20E-06
INFANT	: 5.93E-06	: 5.37E-06	: 1.23E-06	: 6.75E-06	: 6.99E-06	: 4.78E-04	: 5.83E-06	: 5.29E-06

TABLE VII-A- 4

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 4 RES
 AT 4.79 MILES ENE

ANNUAL BETA AIR DOSE = 1.12E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.75E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.19E-04	: 2.19E-04	: 2.19E-04	: 2.19E-04	: 2.19E-04	: 2.19E-04	: 2.30E-04	: 6.31E-04
GROUND	: 6.87E-08	: 6.87E-08	: 6.87E-08	: 6.87E-08	: 6.87E-08	: 6.87E-08	: 6.87E-08	: 8.30E-08
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.25E-06	: 1.22E-06	: 8.78E-08	: 1.31E-06	: 1.40E-06	: 4.21E-05	: 1.22E-06	: 1.18E-06
TEEN	: 1.28E-06	: 1.23E-06	: 1.23E-07	: 1.36E-06	: 1.49E-06	: 5.14E-05	: 1.26E-06	: 1.19E-06
CHILD	: 1.15E-06	: 1.07E-06	: 1.68E-07	: 1.22E-06	: 1.33E-06	: 5.68E-05	: 1.11E-06	: 1.05E-06
INFANT	: 6.74E-07	: 6.13E-07	: 1.32E-07	: 7.61E-07	: 7.86E-07	: 5.16E-05	: 6.61E-07	: 6.06E-07

TABLE VII-A- 5

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 5 RES
 AT 4.67 MILES E

ANNUAL BETA AIR DOSE = 1.67E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 5.62E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 3.28E-04	: 3.28E-04	: 3.28E-04	: 3.28E-04	: 3.28E-04	: 3.28E-04	: 3.45E-04	: 9.45E-04
GROUND	: 1.06E-07	: 1.06E-07	: 1.06E-07	: 1.06E-07	: 1.06E-07	: 1.06E-07	: 1.06E-07	: 1.28E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.89E-06	: 1.84E-06	: 1.31E-07	: 1.97E-06	: 2.10E-06	: 6.30E-05	: 1.85E-06	: 1.78E-06
TEEN	: 1.94E-06	: 1.85E-06	: 1.85E-07	: 2.06E-06	: 2.24E-06	: 7.70E-05	: 1.90E-06	: 1.80E-06
CHILD	: 1.73E-06	: 1.61E-06	: 2.51E-07	: 1.84E-06	: 2.00E-06	: 8.51E-05	: 1.68E-06	: 1.59E-06
INFANT	: 1.02E-06	: 9.24E-07	: 1.97E-07	: 1.14E-06	: 1.18E-06	: 7.72E-05	: 9.96E-07	: 9.14E-07

TABLE VII-A- 6

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 6 RES
 AT 4.19 MILES ESE

ANNUAL BETA AIR DOSE = 3.02E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.02E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 5.94E-04	: 5.94E-04	: 5.94E-04	: 5.94E-04	: 5.94E-04	: 5.94E-04	: 6.24E-04	: 1.71E-03
GROUND	: 2.07E-07	: 2.07E-07	: 2.07E-07	: 2.07E-07	: 2.07E-07	: 2.07E-07	: 2.07E-07	: 2.50E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 3.39E-06	: 3.29E-06	: 2.40E-07	: 3.53E-06	: 3.77E-06	: 1.15E-04	: 3.31E-06	: 3.19E-06
TEEN	: 3.47E-06	: 3.32E-06	: 3.37E-07	: 3.69E-06	: 4.02E-06	: 1.40E-04	: 3.41E-06	: 3.22E-06
CHILD	: 3.10E-06	: 2.89E-06	: 4.58E-07	: 3.30E-06	: 3.59E-06	: 1.55E-04	: 3.01E-06	: 2.84E-06
INFANT	: 1.82E-06	: 1.65E-06	: 3.60E-07	: 2.06E-06	: 2.13E-06	: 1.41E-04	: 1.79E-06	: 1.64E-06

TABLE VII-A- 7

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 7 RES
 AT 1.68 MILES SE

ANNUAL_BETA_AIR_DOSE = 2.02E-02 MILLRADS
 ANNUAL_GAMMA_AIR_DOSE = 7.08E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 4.17E-03	: 4.17E-03	: 4.17E-03	: 4.17E-03	: 4.17E-03	: 4.17E-03	: 4.37E-03	: 1.17E-02
GROUND	: 3.38E-06	: 3.38E-06	: 3.38E-06	: 3.38E-06	: 3.38E-06	: 3.38E-06	: 3.38E-06	: 4.08E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 2.20E-05	: 2.13E-05	: 1.65E-06	: 2.30E-05	: 2.47E-05	: 7.79E-04	: 2.14E-05	: 2.07E-05
TEEN	: 2.26E-05	: 2.16E-05	: 2.32E-06	: 2.41E-05	: 2.64E-05	: 9.53E-04	: 2.21E-05	: 2.08E-05
CHILD	: 2.02E-05	: 1.88E-05	: 3.15E-06	: 2.16E-05	: 2.36E-05	: 1.05E-03	: 1.96E-05	: 1.84E-05
INFANT	: 1.19E-05	: 1.08E-05	: 2.48E-06	: 1.35E-05	: 1.40E-05	: 9.56E-04	: 1.16E-05	: 1.06E-05

TABLE VII-A- 8

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 8 RES
 AT 0.88 MILES SSE

ANNUAL BETA AIR DOSE = 5.69E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 2.00E-02 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.23E-02	: 3.31E-02
GROUND	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.96E-05
INHAL	:	:	:	:	:	:	:	:
ADULT	: 6.21E-05	: 6.01E-05	: 4.77E-06	: 6.51E-05	: 6.99E-05	: 2.25E-03	: 6.06E-05	: 5.82E-05
TEEN	: 6.37E-05	: 6.08E-05	: 6.70E-06	: 6.81E-05	: 7.48E-05	: 2.75E-03	: 6.26E-05	: 5.87E-05
CHILD	: 5.70E-05	: 5.30E-05	: 9.09E-06	: 6.11E-05	: 6.69E-05	: 3.04E-03	: 5.53E-05	: 5.19E-05
INFANT	: 3.35E-05	: 3.03E-05	: 7.15E-06	: 3.83E-05	: 3.97E-05	: 2.76E-03	: 3.29E-05	: 2.98E-05

TABLE VII-A- 9

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 9 RES
 AT 0.72 MILES S

ANNUAL BETA AIR DOSE = 9.92E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.48E-02 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.14E-02	: 5.76E-02
GROUND	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 2.12E-05
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.08E-04	: 1.05E-04	: 8.38E-06	: 1.13E-04	: 1.22E-04	: 3.95E-03	: 1.06E-04	: 1.01E-04
TEEN	: 1.11E-04	: 1.06E-04	: 1.18E-05	: 1.19E-04	: 1.31E-04	: 4.83E-03	: 1.09E-04	: 1.02E-04
CHILD	: 9.94E-05	: 9.24E-05	: 1.60E-05	: 1.07E-04	: 1.17E-04	: 5.34E-03	: 9.64E-05	: 9.04E-05
INFANT	: 5.85E-05	: 5.28E-05	: 1.26E-05	: 6.69E-05	: 6.93E-05	: 4.85E-03	: 5.75E-05	: 5.20E-05

TABLE VII-A-10

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 10 RES
 AT 0.63 MILES SSW

ANNUAL BETA AIR DOSE = 3.12E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.09E-02 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 6.44E-03	: 6.44E-03	: 6.44E-03	: 6.44E-03	: 6.44E-03	: 6.44E-03	: 6.75E-03	: 1.81E-02
GROUND	: 5.78E-06	: 5.78E-06	: 5.78E-06	: 5.78E-06	: 5.78E-06	: 5.78E-06	: 5.78E-06	: 6.98E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 3.40E-05	: 3.30E-05	: 2.63E-06	: 3.57E-05	: 3.84E-05	: 1.24E-03	: 3.32E-05	: 3.19E-05
TEEN	: 3.50E-05	: 3.34E-05	: 3.70E-06	: 3.74E-05	: 4.11E-05	: 1.52E-03	: 3.44E-05	: 3.22E-05
CHILD	: 3.13E-05	: 2.91E-05	: 5.02E-06	: 3.35E-05	: 3.67E-05	: 1.68E-03	: 3.03E-05	: 2.84E-05
INFANT	: 1.84E-05	: 1.66E-05	: 3.95E-06	: 2.10E-05	: 2.18E-05	: 1.52E-03	: 1.81E-05	: 1.64E-05

TABLE VII-A-11

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 11 RES
AT 0.72 MILES SW

ANNUAL_BETA_AIR_DOSE = 2.39E-02 MILLRADS
ANNUAL_GAMMA_AIR_DOSE = 8.37E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	4.92E-03	4.92E-03	4.92E-03	4.92E-03	4.92E-03	4.92E-03	5.16E-03	1.39E-02
GROUND	5.13E-06	5.13E-06	5.13E-06	5.13E-06	5.13E-06	5.13E-06	5.13E-06	6.20E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	2.61E-05	2.53E-05	2.05E-06	2.74E-05	2.95E-05	9.67E-04	2.55E-05	2.44E-05
TEEN	2.68E-05	2.55E-05	2.89E-06	2.87E-05	3.15E-05	1.18E-03	2.64E-05	2.46E-05
CHILD	2.40E-05	2.23E-05	3.92E-06	2.57E-05	2.82E-05	1.31E-03	2.33E-05	2.18E-05
INFANT	1.41E-05	1.27E-05	3.08E-06	1.62E-05	1.68E-05	1.19E-03	1.39E-05	1.25E-05

TABLE VII-A-12

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 12 RES
 AT 1.02 MILES WSW

ANNUAL BETA AIR DOSE = 1.05E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.63E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.13E-03	: 2.13E-03	: 2.13E-03	: 2.13E-03	: 2.13E-03	: 2.13E-03	: 2.23E-03	: 6.06E-03
GROUND	: 2.63E-06	: 2.63E-06	: 2.63E-06	: 2.63E-06	: 2.63E-06	: 2.63E-06	: 2.63E-06	: 3.17E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.16E-05	: 1.13E-05	: 8.87E-07	: 1.22E-05	: 1.31E-05	: 4.20E-04	: 1.13E-05	: 1.09E-05
TEEN	: 1.19E-05	: 1.14E-05	: 1.25E-06	: 1.27E-05	: 1.40E-05	: 5.14E-04	: 1.17E-05	: 1.10E-05
CHILD	: 1.07E-05	: 9.90E-06	: 1.69E-06	: 1.14E-05	: 1.25E-05	: 5.69E-04	: 1.03E-05	: 9.70E-06
INFANT	: 6.27E-06	: 5.66E-06	: 1.33E-06	: 7.15E-06	: 7.41E-06	: 5.16E-04	: 6.17E-06	: 5.58E-06

TABLE VII-A-13

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 13 RES
 AT 1.16 MILES W

ANNUAL BETA AIR DOSE = 2.20E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 7.73E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 4.54E-03	: 4.54E-03	: 4.54E-03	: 4.54E-03	: 4.54E-03	: 4.54E-03	: 4.76E-03	: 1.28E-02
GROUND	: 3.44E-06	: 3.44E-06	: 3.44E-06	: 3.44E-06	: 3.44E-06	: 3.44E-06	: 3.44E-06	: 4.16E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 2.41E-05	: 2.33E-05	: 1.89E-06	: 2.53E-05	: 2.72E-05	: 8.90E-04	: 2.35E-05	: 2.25E-05
TEEN	: 2.47E-05	: 2.36E-05	: 2.66E-06	: 2.65E-05	: 2.91E-05	: 1.09E-03	: 2.43E-05	: 2.27E-05
CHILD	: 2.21E-05	: 2.05E-05	: 3.61E-06	: 2.37E-05	: 2.60E-05	: 1.20E-03	: 2.15E-05	: 2.01E-05
INFANT	: 1.30E-05	: 1.17E-05	: 2.84E-06	: 1.49E-05	: 1.55E-05	: 1.09E-03	: 1.28E-05	: 1.15E-05

TABLE VII-A-14

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 14 RES
 AT 2.25 MILES WNW

ANNUAL BETA AIR DOSE = 8.70E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 2.99E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.84E-03	: 4.99E-03
GROUND	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 1.00E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 9.58E-06	: 9.30E-06	: 7.06E-07	: 1.00E-05	: 1.07E-05	: 3.35E-04	: 9.35E-06	: 9.01E-06
TEEN	: 9.83E-06	: 9.40E-06	: 9.93E-07	: 1.05E-05	: 1.15E-05	: 4.10E-04	: 9.66E-06	: 9.09E-06
CHILD	: 8.79E-06	: 8.19E-06	: 1.35E-06	: 9.39E-06	: 1.02E-05	: 4.54E-04	: 8.52E-06	: 8.03E-06
INFANT	: 5.17E-06	: 4.68E-06	: 1.06E-06	: 5.87E-06	: 6.07E-06	: 4.12E-04	: 5.07E-06	: 4.62E-06

TABLE VII-A-15

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 15 RES
AT 2.43 MILES NW

ANNUAL BETA AIR DOSE = 1.14E-02 MILLRADS
ANNUAL GAMMA AIR DOSE = 3.87E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.38E-03	: 6.48E-03
GROUND	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.84E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.26E-05	: 1.22E-05	: 9.21E-07	: 1.31E-05	: 1.41E-05	: 4.38E-04	: 1.23E-05	: 1.08E-05
TEEN	: 1.29E-05	: 1.23E-05	: 1.29E-06	: 1.37E-05	: 1.50E-05	: 5.36E-04	: 1.27E-05	: 1.19E-05
CHILD	: 1.15E-05	: 1.07E-05	: 1.76E-06	: 1.23E-05	: 1.34E-05	: 5.93E-04	: 1.12E-05	: 1.05E-05
INFANT	: 6.78E-06	: 6.14E-06	: 1.38E-06	: 7.69E-06	: 7.96E-06	: 5.38E-04	: 6.65E-06	: 6.06E-06

TABLE VII-A-16

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 16 RES
 AT 2.01 MILES NNW

ANNUAL BETA AIR DOSE = 1.21E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 4.13E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.42E-03	: 2.42E-03	: 2.42E-03	: 2.42E-03	: 2.42E-03	: 2.42E-03	: 2.54E-03	: 6.91E-03
GROUND	: 2.16E-06	: 2.16E-06	: 2.16E-06	: 2.16E-06	: 2.16E-06	: 2.16E-06	: 2.16E-06	: 2.61E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.34E-05	: 1.30E-05	: 9.86E-07	: 1.40E-05	: 1.50E-05	: 4.69E-04	: 1.31E-05	: 1.26E-05
TEEN	: 1.37E-05	: 1.31E-05	: 1.39E-06	: 1.46E-05	: 1.60E-05	: 5.74E-04	: 1.35E-05	: 1.27E-05
CHILD	: 1.23E-05	: 1.14E-05	: 1.88E-06	: 1.31E-05	: 1.43E-05	: 6.35E-04	: 1.19E-05	: 1.12E-05
INFANT	: 7.21E-06	: 6.53E-06	: 1.48E-06	: 8.19E-06	: 8.48E-06	: 5.76E-04	: 7.09E-06	: 6.45E-06

TABLE VII-A-17

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 17 VEG
 AT 4.53 MILES N

ANNUAL_BETA_AIR_DOSE = 1.76E-03 MILLRADS
 ANNUAL_GAMMA_AIR_DOSE = 5.91E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.45E-04	: 3.63E-04	: 9.94E-04
GROUND	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 2.56E-07	: 3.10E-07
VEGET	:	:	:	:	:	:	:	:
ADULT	: 5.80E-06	: 5.28E-06	: 3.07E-06	: 7.61E-06	: 1.06E-05	: 1.39E-03	: 3.37E-06	: 3.37E-06
TEEN	: 7.08E-06	: 5.96E-06	: 4.45E-06	: 9.85E-06	: 1.41E-05	: 1.75E-03	: 3.85E-06	: 3.85E-06
CHILD	: 1.16E-05	: 7.57E-06	: 1.03E-05	: 1.59E-05	: 2.22E-05	: 3.27E-03	: 5.98E-06	: 5.98E-06

TABLE VII-A-18

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 18 VEG
 AT 1.86 MILES NNE

ANNUAL BETA AIR DOSE = 9.70E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.30E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 1.93E-03	: 2.03E-03	: 5.53E-03
GROUND	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.20E-06	: 1.45E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	: 2.97E-05	: 2.73E-05	: 1.43E-05	: 3.82E-05	: 5.22E-05	: 6.49E-03	: 1.84E-05	: 1.84E-05
TEEN	: 3.61E-05	: 3.08E-05	: 2.08E-05	: 4.90E-05	: 6.91E-05	: 8.17E-03	: 2.10E-05	: 2.10E-05
CHILD	: 5.90E-05	: 4.00E-05	: 4.79E-05	: 7.89E-05	: 1.08E-04	: 1.53E-02	: 3.26E-05	: 3.26E-05

TABLE VII-A-19

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 19 VEG
 AT 3.32 MILES NE

ANNUAL BETA AIR DOSE = 1.46E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 4.95E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.89E-04	: 2.89E-04	: 2.89E-04	: 2.89E-04	: 2.89E-04	: 2.89E-04	: 3.04E-04	: 8.31E-04
GROUND	: 1.51E-07	: 1.51E-07	: 1.51E-07	: 1.51E-07	: 1.51E-07	: 1.51E-07	: 1.51E-07	: 1.82E-07
VEGET	:	:	:	:	:	:	:	:
ADULT	: 4.22E-06	: 3.91E-06	: 1.81E-06	: 5.28E-06	: 7.05E-06	: 8.17E-04	: 2.79E-06	: 2.79E-06
TEEN	: 5.09E-06	: 4.43E-06	: 2.61E-06	: 6.71E-06	: 9.24E-06	: 1.03E-03	: 3.19E-06	: 3.19E-06
CHILD	: 8.27E-06	: 5.89E-06	: 6.03E-06	: 1.08E-05	: 1.45E-05	: 1.92E-03	: 4.96E-06	: 4.96E-06

TABLE VII-A-20

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 20 VEG
 AT 4.92 MILES E

ANNUAL BETA AIR DOSE = 1.56E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 5.24E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 3.06E-04	: 3.06E-04	: 3.06E-04	: 3.06E-04	: 3.06E-04	: 3.06E-04	: 3.22E-04	: 8.83E-04
GROUND	: 9.93E-08	: 9.93E-08	: 9.93E-08	: 9.93E-08	: 9.93E-08	: 9.93E-08	: 9.93E-08	: 1.20E-07
VEGET	:	:	:	:	:	:	:	:
ADULT	: 3.97E-06	: 3.77E-06	: 1.19E-06	: 4.67E-06	: 5.84E-06	: 5.41E-04	: 3.03E-06	: 3.03E-06
TEEN	: 4.72E-06	: 4.28E-06	: 1.73E-06	: 5.79E-06	: 7.46E-06	: 6.81E-04	: 3.46E-06	: 3.46E-06
CHILD	: 7.57E-06	: 6.00E-06	: 3.98E-06	: 9.22E-06	: 1.17E-05	: 1.27E-03	: 5.38E-06	: 5.38E-06

TABLE VII-A-21

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 21 VEG
 AT 1.68 MILES SE

ANNUAL BETA AIR DOSE = 2.02E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 7.08E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	4.17E-03	4.17E-03	4.17E-03	4.17E-03	4.17E-03	4.17E-03	4.37E-03	1.17E-02
GROUND	3.38E-06	3.38E-06	3.38E-06	3.38E-06	3.38E-06	3.38E-06	3.38E-06	4.08E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	6.89E-05	6.20E-05	3.97E-05	9.22E-05	1.31E-04	1.79E-02	3.74E-05	3.74E-05
TEEN	8.45E-05	6.98E-05	5.74E-05	1.20E-04	1.76E-04	2.26E-02	4.28E-05	4.28E-05
CHILD	1.39E-04	8.68E-05	1.32E-04	1.94E-04	2.76E-04	4.22E-02	6.65E-05	6.65E-05

TABLE VII-A-22

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 22 VEG
 AT 0.88 MILES SSE

ANNUAL BETA AIR DOSE = 5.69E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 2.00E-02 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.17E-02	: 1.23E-02	: 3.31E-02
GROUND	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.62E-05	: 1.96E-05
VEGET	:	:	:	:	:	:	:	:
ADULT	: 2.57E-04	: 2.25E-04	: 1.91E-04	: 3.69E-04	: 5.56E-04	: 8.61E-02	: 1.05E-04	: 1.05E-04
TEEN	: 3.21E-04	: 2.51E-04	: 2.76E-04	: 4.93E-04	: 7.60E-04	: 1.08E-01	: 1.21E-04	: 1.21E-04
CHILD	: 5.38E-04	: 2.85E-04	: 6.36E-04	: 8.02E-04	: 1.19E-03	: 2.03E-01	: 1.87E-04	: 1.87E-04

TABLE VII-A-23

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 23 VEG
 AT 0.72 MILES S

ANNUAL BETA AIR DOSE = 9.92E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.48E-02 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.04E-02	: 2.14E-02	: 5.76E-02
GROUND	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 1.75E-05	: 2.12E-05
VEGET	:	:	:	:	:	:	:	:
ADULT	: 3.47E-04	: 3.11E-04	: 2.06E-04	: 4.68E-04	: 6.70E-04	: 9.31E-02	: 1.84E-04	: 1.84E-04
TEEN	: 4.27E-04	: 3.50E-04	: 2.98E-04	: 6.12E-04	: 9.00E-04	: 1.17E-01	: 2.10E-04	: 2.10E-04
CHILD	: 7.05E-04	: 4.32E-04	: 6.87E-04	: 9.90E-04	: 1.41E-03	: 2.19E-01	: 3.26E-04	: 3.26E-04

TABLE VII-A-24

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 24 VEG
 AT 1.12 MILES SSW

ANNUAL BETA AIR DOSE = 7.97E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 2.73E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.60E-03	: 1.60E-03	: 1.60E-03	: 1.60E-03	: 1.60E-03	: 1.60E-03	: 1.68E-03	: 4.57E-03
GROUND	: 1.47E-06	: 1.47E-06	: 1.47E-06	: 1.47E-06	: 1.47E-06	: 1.47E-06	: 1.47E-06	: 1.77E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	: 2.88E-05	: 2.58E-05	: 1.74E-05	: 3.90E-05	: 5.61E-05	: 7.88E-03	: 1.50E-05	: 1.50E-05
TEEN	: 3.54E-05	: 2.90E-05	: 2.52E-05	: 5.11E-05	: 7.55E-05	: 9.92E-03	: 1.71E-05	: 1.71E-05
CHILD	: 5.86E-05	: 3.56E-05	: 5.82E-05	: 8.28E-05	: 1.19E-04	: 1.85E-02	: 2.66E-05	: 2.66E-05

TABLE VII-A-25

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 25 VEG
 AT 1.39 MILES SW

ANNUAL BETA AIR DOSE = 4.59E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.61E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	9.47E-04	9.47E-04	9.47E-04	9.47E-04	9.47E-04	9.47E-04	9.92E-04	2.67E-03
GROUND	9.75E-07	9.75E-07	9.75E-07	9.75E-07	9.75E-07	9.75E-07	9.75E-07	1.18E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	1.76E-05	1.56E-05	1.14E-05	2.43E-05	3.55E-05	5.17E-03	8.51E-06	8.51E-06
TEEN	2.18E-05	1.75E-05	1.66E-05	3.21E-05	4.81E-05	6.51E-03	9.73E-06	9.73E-06
CHILD	3.61E-05	2.10E-05	3.82E-05	5.20E-05	7.55E-05	1.22E-02	1.51E-05	1.51E-05

TABLE VII-A-26

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 26 VEG
 AT 1.20 MILES WSW

ANNUAL BETA AIR DOSE = 6.61E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 2.32E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.36E-03	: 1.36E-03	: 1.36E-03	: 1.36E-03	: 1.36E-03	: 1.36E-03	: 1.43E-03	: 3.84E-03
GROUND	: 1.62E-06	: 1.62E-06	: 1.62E-06	: 1.62E-06	: 1.62E-06	: 1.62E-06	: 1.62E-06	: 1.96E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	: 2.74E-05	: 2.40E-05	: 1.91E-05	: 3.86E-05	: 5.73E-05	: 8.62E-03	: 1.22E-05	: 1.22E-05
TEEN	: 3.41E-05	: 2.70E-05	: 2.76E-05	: 5.12E-05	: 7.79E-05	: 1.08E-02	: 1.40E-05	: 1.40E-05
CHILD	: 5.68E-05	: 3.15E-05	: 6.36E-05	: 8.32E-05	: 1.22E-04	: 2.03E-02	: 2.18E-05	: 2.18E-05

TABLE VII-A-27

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 27 VEG
AT 1.17 MILES W

ANNUAL BETA AIR DOSE = 2.20E-02 MILLRADS
ANNUAL GAMMA AIR DOSE = 7.73E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.76E-03	1.28E-02
GROUND	3.38E-06	3.38E-06	3.38E-06	3.38E-06	3.38E-06	3.38E-06	3.38E-06	4.08E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	7.23E-05	6.54E-05	3.97E-05	9.56E-05	1.34E-04	1.79E-02	4.08E-05	4.08E-05
TEEN	8.84E-05	7.37E-05	5.74E-05	1.24E-04	1.80E-04	2.26E-02	4.67E-05	4.67E-05
CHILD	1.45E-04	9.29E-05	1.32E-04	2.00E-04	2.82E-04	4.22E-02	7.25E-05	7.25E-05

TABLE VII-A-28

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 28 VEG
 AT 2.25 MILES WNW

ANNUAL BETA AIR DOSE = 8.70E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 2.99E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.75E-03	: 1.84E-03	: 4.99E-03
GROUND	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 8.31E-07	: 1.00E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	: 2.41E-05	: 2.24E-05	: 9.86E-06	: 2.99E-05	: 3.96E-05	: 4.46E-03	: 1.63E-05	: 1.63E-05
TEEN	: 2.90E-05	: 2.54E-05	: 1.43E-05	: 3.79E-05	: 5.17E-05	: 5.62E-03	: 1.87E-05	: 1.87E-05
CHILD	: 4.71E-05	: 3.41E-05	: 3.29E-05	: 6.08E-05	: 8.10E-05	: 1.05E-02	: 2.90E-05	: 2.90E-05

TABLE VII-A-29

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 29 VEG
 AT 2.43 MILES NW

ANNUAL_BETA_AIR_DOSE = 1.14E-02 MILLRADS
 ANNUAL_GAMMA_AIR_DOSE = 3.87E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.38E-03	: 6.48E-03
GROUND	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.84E-06
VEGET	:	:	:	:	:	:	:	:
ADULT	: 3.58E-05	: 3.27E-05	: 1.81E-05	: 4.65E-05	: 6.43E-05	: 8.21E-03	: 2.14E-05	: 2.14E-05
TEEN	: 4.36E-05	: 3.69E-05	: 2.63E-05	: 5.99E-05	: 8.53E-05	: 1.03E-02	: 2.45E-05	: 2.45E-05
CHILD	: 7.14E-05	: 4.74E-05	: 6.06E-05	: 9.66E-05	: 1.34E-04	: 1.93E-02	: 3.81E-05	: 3.81E-05

TABLE VII-A-30

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 30 VEG
AT 4.11 MILES NNW

ANNUAL_BETA_AIR_DOSE = 2.57E-03 MILLRADS
ANNUAL_GAMMA_AIR_DOSE = 9.01E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 5.30E-04	: 5.30E-04	: 5.30E-04	: 5.30E-04	: 5.30E-04	: 5.30E-04	: 5.56E-04	: 1.49E-03
GROUND	: 3.77E-07	: 3.77E-07	: 3.77E-07	: 3.77E-07	: 3.77E-07	: 3.77E-07	: 3.77E-07	: 4.55E-07
VEGET	:	:	:	:	:	:	:	:
ADULT	: 8.27E-06	: 7.50E-06	: 4.42E-06	: 1.09E-05	: 1.52E-05	: 2.00E-03	: 4.76E-06	: 4.76E-06
TEEN	: 1.01E-05	: 8.46E-06	: 6.41E-06	: 1.41E-05	: 2.03E-05	: 2.52E-03	: 5.45E-06	: 5.45E-06
CHILD	: 1.66E-05	: 1.07E-05	: 1.48E-05	: 2.27E-05	: 3.18E-05	: 4.71E-03	: 8.46E-06	: 8.46E-06

TABLE VII-A-31

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 31 BEEF
 AT 4.74 MILES SE

ANNUAL BETA AIR DOSE = 2.10E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 7.04E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 4.11E-04	: 4.11E-04	: 4.11E-04	: 4.11E-04	: 4.11E-04	: 4.11E-04	: 4.32E-04	: 1.19E-03
GROUND	: 2.60E-07	: 2.60E-07	: 2.60E-07	: 2.60E-07	: 2.60E-07	: 2.60E-07	: 2.60E-07	: 3.14E-07
HEAT	:	:	:	:	:	:	:	:
ADULT	: 7.01E-07	: 8.77E-07	: 1.51E-07	: 7.83E-07	: 9.19E-07	: 6.41E-05	: 5.87E-07	: 5.87E-07
TEEN	: 4.37E-07	: 5.12E-07	: 1.25E-07	: 5.09E-07	: 6.21E-07	: 4.64E-05	: 3.50E-07	: 3.50E-07
CHILD	: 5.47E-07	: 5.11E-07	: 2.33E-07	: 6.36E-07	: 7.69E-07	: 6.99E-05	: 4.24E-07	: 4.24E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 2.39E-06	: 2.32E-06	: 1.65E-07	: 2.49E-06	: 2.65E-06	: 7.92E-05	: 2.33E-06	: 2.25E-06
TEEN	: 2.44E-06	: 2.34E-06	: 2.32E-07	: 2.59E-06	: 2.82E-06	: 9.69E-05	: 2.40E-06	: 2.27E-06
CHILD	: 2.19E-06	: 2.04E-06	: 3.15E-07	: 2.32E-06	: 2.52E-06	: 1.07E-04	: 2.12E-06	: 2.01E-06
INFANT	: 1.28E-06	: 1.17E-06	: 2.48E-07	: 1.44E-06	: 1.49E-06	: 9.71E-05	: 1.26E-06	: 1.15E-06

TABLE VII-A-32

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 32 BEEF
 AT 2.39 MILES SSE

ANNUAL BETA AIR DOSE = 4.67E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.59E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	9.28E-04	9.28E-04	9.28E-04	9.28E-04	9.28E-04	9.28E-04	9.74E-04	2.66E-03
GROUND	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.37E-06
MEAT	:	:	:	:	:	:	:	:
ADULT	1.77E-06	2.52E-06	6.55E-07	2.12E-06	2.72E-06	2.77E-04	1.27E-06	1.27E-06
TEEN	1.14E-06	1.45E-06	5.43E-07	1.45E-06	1.94E-06	2.01E-04	7.58E-07	7.58E-07
CHILD	1.46E-06	1.29E-06	1.01E-06	1.84E-06	2.42E-06	3.03E-04	9.18E-07	9.18E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	5.19E-06	5.03E-06	3.79E-07	5.42E-06	5.80E-06	1.81E-04	5.07E-06	4.88E-06
TEEN	5.32E-06	5.09E-06	5.32E-07	5.67E-06	6.19E-06	2.21E-04	5.23E-06	4.93E-06
CHILD	4.76E-06	4.43E-06	7.23E-07	5.07E-06	5.53E-06	2.44E-04	4.62E-06	4.35E-06
INFANT	2.80E-06	2.53E-06	5.68E-07	3.17E-06	3.28E-06	2.22E-04	2.75E-06	2.50E-06

TABLE VII-A-33

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 33 BEEF
 AT 1.98 MILES S

ANNUAL BETA AIR DOSE = 9.07E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.12E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.83E-03	: 1.83E-03	: 1.83E-03	: 1.83E-03	: 1.83E-03	: 1.83E-03	: 1.92E-03	: 5.21E-03
GROUND	: 1.41E-06	: 1.41E-06	: 1.41E-06	: 1.41E-06	: 1.41E-06	: 1.41E-06	: 1.41E-06	: 1.70E-06
MEAT	:	:	:	:	:	:	:	:
ADULT	: 3.06E-06	: 3.97E-06	: 8.05E-07	: 3.49E-06	: 4.22E-06	: 3.42E-04	: 2.44E-06	: 2.44E-06
TEEN	: 1.92E-06	: 2.31E-06	: 6.66E-07	: 2.31E-06	: 2.91E-06	: 2.47E-04	: 1.46E-06	: 1.46E-06
CHILD	: 2.43E-06	: 2.22E-06	: 1.24E-06	: 2.90E-06	: 3.61E-06	: 3.73E-04	: 1.76E-06	: 1.76E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 9.99E-06	: 9.69E-06	: 7.39E-07	: 1.04E-05	: 1.12E-05	: 3.51E-04	: 9.75E-06	: 9.39E-06
TEEN	: 1.02E-05	: 9.79E-06	: 1.04E-06	: 1.09E-05	: 1.19E-05	: 4.29E-04	: 1.01E-05	: 9.47E-06
CHILD	: 9.16E-06	: 8.53E-06	: 1.41E-06	: 9.78E-06	: 1.07E-05	: 4.75E-04	: 8.88E-06	: 8.37E-06
INFANT	: 5.38E-06	: 4.88E-06	: 1.11E-06	: 6.12E-06	: 6.34E-06	: 4.31E-04	: 5.29E-06	: 4.81E-06

TABLE VII-A-34

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 34 BEEF
AT 2.00 MILES SSW

ANNUAL BETA AIR DOSE = 2.02E-03 MILLRADS
ANNUAL GAMMA AIR DOSE = 7.08E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 4.17E-04	: 4.17E-04	: 4.17E-04	: 4.17E-04	: 4.17E-04	: 4.17E-04	: 4.37E-04	: 1.17E-03
GROUND	: 3.51E-07	: 3.51E-07	: 3.51E-07	: 3.51E-07	: 3.51E-07	: 3.51E-07	: 3.51E-07	: 4.24E-07
MEAT	:	:	:	:	:	:	:	:
ADULT	: 6.89E-07	: 9.14E-07	: 1.98E-07	: 7.97E-07	: 9.76E-07	: 8.43E-05	: 5.38E-07	: 5.38E-07
TEEN	: 4.36E-07	: 5.31E-07	: 1.64E-07	: 5.31E-07	: 6.78E-07	: 6.10E-05	: 3.21E-07	: 3.21E-07
CHILD	: 5.51E-07	: 5.01E-07	: 3.06E-07	: 6.68E-07	: 8.43E-07	: 9.19E-05	: 3.88E-07	: 3.88E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 2.20E-06	: 2.13E-06	: 1.66E-07	: 2.30E-06	: 2.47E-06	: 7.82E-05	: 2.15E-06	: 2.07E-06
TEEN	: 2.26E-06	: 2.16E-06	: 2.33E-07	: 2.41E-06	: 2.64E-06	: 9.57E-05	: 2.22E-06	: 2.08E-06
CHILD	: 2.02E-06	: 1.88E-06	: 3.16E-07	: 2.16E-06	: 2.36E-06	: 1.06E-04	: 1.96E-06	: 1.84E-06
INFANT	: 1.19E-06	: 1.08E-06	: 2.49E-07	: 1.35E-06	: 1.40E-06	: 9.61E-05	: 1.16E-06	: 1.06E-06

TABLE VII-A-35

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 35 BEEF
 AT 0.82 MILES SW

ANNUAL BETA AIR DOSE = 1.81E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 6.26E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 3.68E-03	: 3.68E-03	: 3.68E-03	: 3.68E-03	: 3.68E-03	: 3.68E-03	: 3.86E-03	: 1.04E-02
GROUND	: 3.86E-06	: 3.86E-06	: 3.86E-06	: 3.86E-06	: 3.86E-06	: 3.86E-06	: 3.86E-06	: 4.67E-06
MEAT	:	:	:	:	:	:	:	:
ADULT	: 6.51E-06	: 9.01E-06	: 2.20E-06	: 7.71E-06	: 9.69E-06	: 9.33E-04	: 4.84E-06	: 4.84E-06
TEEN	: 4.16E-06	: 5.22E-06	: 1.82E-06	: 5.21E-06	: 6.85E-06	: 6.75E-04	: 2.88E-06	: 2.88E-06
CHILD	: 5.30E-06	: 4.75E-06	: 3.39E-06	: 6.60E-06	: 8.53E-06	: 1.02E-03	: 3.49E-06	: 3.49E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.98E-05	: 1.92E-05	: 1.53E-06	: 2.08E-05	: 2.23E-05	: 7.22E-04	: 1.94E-05	: 1.86E-05
TEEN	: 2.03E-05	: 1.94E-05	: 2.15E-06	: 2.18E-05	: 2.39E-05	: 8.83E-04	: 2.00E-05	: 1.88E-05
CHILD	: 1.82E-05	: 1.69E-05	: 2.91E-06	: 1.95E-05	: 2.14E-05	: 9.77E-04	: 1.77E-05	: 1.66E-05
INFANT	: 1.07E-05	: 9.68E-06	: 2.29E-06	: 1.22E-05	: 1.27E-05	: 8.87E-04	: 1.05E-05	: 9.53E-06

TABLE VII-A-36

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 36 BEEF
 AT 2.42 MILES WSW

ANNUAL BETA AIR DOSE = 1.19E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 4.06E-04 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.38E-04	: 2.38E-04	: 2.38E-04	: 2.38E-04	: 2.38E-04	: 2.38E-04	: 2.50E-04	: 6.80E-04
GROUND	: 2.54E-07	: 2.54E-07	: 2.54E-07	: 2.54E-07	: 2.54E-07	: 2.54E-07	: 2.54E-07	: 3.07E-07
MEAT	:	:	:	:	:	:	:	:
ADULT	: 4.34E-07	: 6.00E-07	: 1.46E-07	: 5.13E-07	: 6.44E-07	: 6.18E-05	: 3.23E-07	: 3.23E-07
TEEN	: 2.77E-07	: 3.47E-07	: 1.21E-07	: 3.47E-07	: 4.55E-07	: 4.47E-05	: 1.92E-07	: 1.92E-07
CHILD	: 3.53E-07	: 3.16E-07	: 2.25E-07	: 4.39E-07	: 5.67E-07	: 6.75E-05	: 2.33E-07	: 2.33E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.32E-06	: 1.28E-06	: 9.62E-08	: 1.38E-06	: 1.47E-06	: 4.58E-05	: 1.29E-06	: 1.24E-06
TEEN	: 1.35E-06	: 1.29E-06	: 1.35E-07	: 1.44E-06	: 1.57E-06	: 5.60E-05	: 1.33E-06	: 1.25E-06
CHILD	: 1.21E-06	: 1.12E-06	: 1.84E-07	: 1.29E-06	: 1.41E-06	: 6.19E-05	: 1.17E-06	: 1.10E-06
INFANT	: 7.10E-07	: 6.43E-07	: 1.44E-07	: 8.05E-07	: 8.33E-07	: 5.62E-05	: 6.97E-07	: 6.35E-07

TABLE VII-A-37

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS

SPECIAL LOCATION NO. 37 BEEF
AT 2.06 MILES W

ANNUAL BETA AIR DOSE = 5.95E-03 MILLRADS
ANNUAL GAMMA AIR DOSE = 2.03E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.19E-03	: 1.19E-03	: 1.19E-03	: 1.19E-03	: 1.19E-03	: 1.19E-03	: 1.25E-03	: 3.40E-03
GROUND	: 8.26E-07	: 8.26E-07	: 8.26E-07	: 8.26E-07	: 8.26E-07	: 8.26E-07	: 8.26E-07	: 9.97E-07
MEAT	:	:	:	:	:	:	:	:
ADULT	: 1.97E-06	: 2.52E-06	: 4.74E-07	: 2.23E-06	: 2.66E-06	: 2.01E-04	: 1.61E-06	: 1.61E-06
TEEN	: 1.24E-06	: 1.47E-06	: 3.93E-07	: 1.46E-06	: 1.82E-06	: 1.46E-04	: 9.62E-07	: 9.62E-07
CHILD	: 1.55E-06	: 1.44E-06	: 7.31E-07	: 1.83E-06	: 2.25E-06	: 2.20E-04	: 1.16E-06	: 1.16E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 6.59E-06	: 6.39E-06	: 4.85E-07	: 6.89E-06	: 7.38E-06	: 2.31E-04	: 6.43E-06	: 6.20E-06
TEEN	: 6.76E-06	: 6.46E-06	: 6.82E-07	: 7.20E-06	: 7.87E-06	: 2.82E-04	: 6.64E-06	: 6.25E-06
CHILD	: 6.04E-06	: 5.62E-06	: 9.25E-07	: 6.45E-06	: 7.04E-06	: 3.12E-04	: 5.86E-06	: 5.52E-06
INFANT	: 3.55E-06	: 3.22E-06	: 7.28E-07	: 4.03E-06	: 4.17E-06	: 2.83E-04	: 3.49E-06	: 3.18E-06

TABLE VII-A-38

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 38 BEEF
 AT 2.73 MILES WNW

ANNUAL BETA AIR DOSE = 5.03E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.71E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.05E-03	: 2.87E-03
GROUND	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 5.28E-07
MEAT	:	:	:	:	:	:	:	:
ADULT	: 1.56E-06	: 1.85E-06	: 2.51E-07	: 1.70E-06	: 1.92E-06	: 1.07E-04	: 1.37E-06	: 1.37E-06
TEEN	: 9.62E-07	: 1.08E-06	: 2.08E-07	: 1.08E-06	: 1.27E-06	: 7.75E-05	: 8.16E-07	: 8.16E-07
CHILD	: 1.19E-06	: 1.13E-06	: 3.87E-07	: 1.34E-06	: 1.56E-06	: 1.17E-04	: 9.88E-07	: 9.88E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 5.58E-06	: 5.42E-06	: 4.03E-07	: 5.83E-06	: 6.24E-06	: 1.92E-04	: 5.45E-06	: 5.26E-06
TEEN	: 5.72E-06	: 5.48E-06	: 5.67E-07	: 6.09E-06	: 6.65E-06	: 2.35E-04	: 5.62E-06	: 5.30E-06
CHILD	: 5.12E-06	: 4.77E-06	: 7.69E-07	: 5.46E-06	: 5.95E-06	: 2.60E-04	: 4.96E-06	: 4.68E-06
INFANT	: 3.01E-06	: 2.73E-06	: 6.05E-07	: 3.41E-06	: 3.52E-06	: 2.36E-04	: 2.95E-06	: 2.69E-06

TABLE VII-A-39

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 39 BEEF
 AT 2.43 MILES NW

ANNUAL BETA AIR DOSE = 1.14E-02 MILLRADS
 ANNUAL GAMMA AIR DOSE = 3.87E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.27E-03	: 2.38E-03	: 6.48E-03
GROUND	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.52E-06	: 1.84E-06
MEAT	:	:	:	:	:	:	:	:
ADULT	: 3.75E-06	: 4.75E-06	: 8.75E-07	: 4.22E-06	: 5.01E-06	: 3.72E-04	: 3.08E-06	: 3.08E-06
TEEN	: 2.34E-06	: 2.77E-06	: 7.25E-07	: 2.76E-06	: 3.41E-06	: 2.69E-04	: 1.84E-06	: 1.84E-06
CHILD	: 2.94E-06	: 2.72E-06	: 1.35E-06	: 3.46E-06	: 4.23E-06	: 4.05E-04	: 2.22E-06	: 2.22E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	: 1.26E-05	: 1.22E-05	: 9.21E-07	: 1.31E-05	: 1.41E-05	: 4.38E-04	: 1.23E-05	: 1.18E-05
TEEN	: 1.29E-05	: 1.23E-05	: 1.29E-06	: 1.37E-05	: 1.50E-05	: 5.36E-04	: 1.27E-05	: 1.19E-05
CHILD	: 1.15E-05	: 1.07E-05	: 1.76E-06	: 1.23E-05	: 1.34E-05	: 5.93E-04	: 1.12E-05	: 1.05E-05
INFANT	: 6.78E-06	: 6.14E-06	: 1.38E-06	: 7.69E-06	: 7.96E-06	: 5.38E-04	: 6.65E-06	: 6.06E-06

TABLE VII-A-40

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 40 COW
 AT 2.74 MILES S

ANNUAL BETA AIR DOSE = 3.57E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.21E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	7.05E-04	7.05E-04	7.05E-04	7.05E-04	7.05E-04	7.05E-04	7.41E-04	2.03E-03
GROUND	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07	6.23E-07
COW MILK	:	:	:	:	:	:	:	:
ADULT	8.35E-06	5.11E-06	7.48E-06	1.29E-05	2.04E-05	3.46E-03	2.30E-06	2.30E-06
TEEN	1.31E-05	6.73E-06	1.36E-05	2.17E-05	3.52E-05	5.47E-03	2.99E-06	2.99E-06
CHILD	2.33E-05	7.67E-06	3.29E-05	3.74E-05	5.83E-05	1.08E-02	4.73E-06	4.73E-06
INFANT	4.23E-05	1.01E-05	6.83E-05	8.71E-05	1.00E-04	2.62E-02	7.18E-06	7.18E-06
INHAL	:	:	:	:	:	:	:	:
ADULT	3.99E-06	3.87E-06	2.89E-07	4.17E-06	4.46E-06	1.38E-04	3.90E-06	3.76E-06
TEEN	4.09E-06	3.91E-06	4.06E-07	4.35E-06	4.75E-06	1.69E-04	4.02E-06	3.79E-06
CHILD	3.66E-06	3.40E-06	5.51E-07	3.90E-06	4.25E-06	1.86E-04	3.55E-06	3.35E-06
INFANT	2.15E-06	1.95E-06	4.34E-07	2.43E-06	2.52E-06	1.69E-04	2.11E-06	1.92E-06

TABLE VII-A-41

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
 SPECIAL LOCATION NO. 41 PORK
 AT 2.73 MILES WNW

ANNUAL BETA AIR DOSE = 5.03E-03 MILLRADS
 ANNUAL GAMMA AIR DOSE = 1.71E-03 MILLRADS

PATHWAY	T.BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.00E-03	: 1.05E-03	: 2.87E-03
GROUND	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 4.37E-07	: 5.28E-07
MEAT	:	:	:	:	:	:	:	:
ADULT	: 1.56E-06	: 1.85E-06	: 2.51E-07	: 1.70E-06	: 1.92E-06	: 1.07E-04	: 1.37E-06	: 1.37E-06
TEEN	: 9.62E-07	: 1.08E-06	: 2.08E-07	: 1.08E-06	: 1.27E-06	: 7.75E-05	: 8.16E-07	: 8.16E-07
CHILD	: 1.19E-06	: 1.13E-06	: 3.87E-07	: 1.34E-06	: 1.56E-06	: 1.17E-04	: 9.88E-07	: 7.88E-07
INHAL	:	:	:	:	:	:	:	:
ADULT	: 5.58E-06	: 5.42E-06	: 4.03E-07	: 5.83E-06	: 6.24E-06	: 1.92E-04	: 5.45E-06	: 5.26E-06
TEEN	: 5.72E-06	: 5.48E-06	: 5.67E-07	: 6.09E-06	: 6.65E-06	: 2.35E-04	: 5.62E-06	: 5.30E-06
CHILD	: 5.12E-06	: 4.77E-06	: 7.69E-07	: 5.46E-06	: 5.95E-06	: 2.60E-04	: 4.96E-06	: 4.68E-06
INFANT	: 3.01E-06	: 2.73E-06	: 6.05E-07	: 3.41E-06	: 3.52E-06	: 2.36E-04	: 2.95E-06	: 2.69E-06

TABLE VII-B-1

FORT CALHOUN 1

DOSE CONTRIBUTIONS FROM GASEOUS EFFLUENTS
UNRESTRICTED AREA BOUNDARY

REQUIRED BY TECHNICAL SPECIFICATION 5.9.4.a.

ANNUAL FOR JANUARY 1, 1995 TO DECEMBER 31, 1995

MAXIMUM SITE BOUNDARY GAMMA AIR DOSE - 6.20E-02 MILLRADS

MAXIMUM SITE BOUNDARY BETA AIR DOSE - 1.79E-01 MILLRADS

TABLE VII-C-1

FORT CALHOUN ANNUAL 1995, DOSE PROJECTIONS
ALARA ANNUAL INTEGRATED POPULATION DOSE SUMMARY (PERSON-REM)

PATHWAY	T. BODY	GI-TRACT	BONE	LIVER	KIDNEY	THYROID	LUNG	SKIN
PLUME	: 2.43E-02	: 2.43E-02	: 2.43E-02	: 2.43E-02	: 2.43E-02	: 2.43E-02	: 2.60E-02	: 8.51E-02
	: 97.76%	: 97.94%	: 99.38%	: 97.49%	: 97.06%	: 31.64%	: 98.22%	: 99.46%
GROUND	: 1.20E-05	: 1.20E-05	: 1.20E-05	: 1.20E-05	: 1.20E-05	: 1.20E-05	: 1.20E-05	: 1.44E-05
	: 0.05%	: 0.05%	: 0.05%	: 0.05%	: 0.05%	: 0.02%	: 0.05%	: 0.02%
INHAL	: 2.02E-04	: 1.95E-04	: 1.57E-05	: 2.11E-04	: 2.25E-04	: 6.80E-03	: 1.97E-04	: 1.91E-04
	: 0.82%	: 0.79%	: 0.06%	: 0.85%	: 0.90%	: 8.87%	: 0.75%	: 0.22%
VEGET	: 1.79E-04	: 1.84E-04	: 7.05E-06	: 1.80E-04	: 1.81E-04	: 9.39E-04	: 1.77E-04	: 1.77E-04
	: 0.72%	: 0.74%	: 0.03%	: 0.72%	: 0.72%	: 1.23%	: 0.67%	: 0.21%
COW MILK	: 1.16E-04	: 6.66E-05	: 1.08E-04	: 1.71E-04	: 2.58E-04	: 4.12E-02	: 4.40E-05	: 4.40E-05
	: 0.47%	: 0.27%	: 0.44%	: 0.69%	: 1.03%	: 53.79%	: 0.17%	: 0.05%
MEAT	: 4.60E-05	: 5.28E-05	: 8.81E-06	: 5.04E-05	: 5.76E-05	: 3.42E-03	: 3.99E-05	: 3.99E-05
	: 0.19%	: 0.21%	: 0.04%	: 0.20%	: 0.23%	: 4.46%	: 0.15%	: 0.05%
TOTAL	: 2.48E-02	: 2.48E-02	: 2.44E-02	: 2.49E-02	: 2.50E-02	: 7.67E-02	: 2.65E-02	: 8.56E-02

* * * ADULT DOSE FACTORS * * *

NUCLIDE	CURIE/YEAR	INGESTION DOSE FACTORS							SHORELINE				
		BONE	LIVER	TOTAL BODY			THYROID	KIDNEY	LUNG	GI-LLI	SKIN	TOTAL BODY	RECON
				(MREM/PCI INTAKE)									
47AG 110M	9.35E-03	1.60E-07	1.48E-07	8.79E-08	0.00E+00	2.91E-07	0.00E+00	6.04E-05	2.10E-08	1.80E-08	1.00E+00		
56BA 140	4.71E-04	2.03E-05	2.55E-08	1.33E-06	0.00E+00	8.67E-09	1.46E-08	4.18E-05	2.40E-09	2.10E-09	1.00E+00		
48E 7	2.90E-05	2.74E-09	6.21E-09	3.05E-09	0.00E+00	6.56E-09	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.00E+00		
58CE 141	2.13E-04	9.36E-09	6.33E-09	7.18E-10	0.00E+00	2.94E-09	0.00E+00	2.42E-05	6.20E-10	5.50E-10	1.00E+00		
58CE 144	1.63E-03	4.88E-07	2.04E-07	2.62E-08	0.00E+00	1.21E-07	0.00E+00	1.65E-04	3.70E-10	3.20E-10	1.00E+00		
27CO 57	2.04E-04	0.00E+00	1.75E-07	2.91E-07	0.00E+00	0.00E+00	0.00E+00	4.44E-06	1.00E-09	9.10E-10	1.00E+00		
27CO 58	5.00E-02	0.00E+00	7.45E-07	1.67E-06	0.00E+00	0.00E+00	0.00E+00	1.51E-05	8.20E-09	7.00E-09	1.00E+00		
27CO 60	1.42E-02	0.00E+00	2.14E-06	4.72E-06	0.00E+00	0.00E+00	0.00E+00	4.02E-05	2.00E-08	1.70E-08	1.00E+00		
24CR 51	1.77E-02	0.00E+00	0.00E+00	2.66E-09	1.59E-09	5.86E-10	3.53E-09	6.69E-07	2.60E-10	2.20E-10	1.00E+00		
55CS 134	4.33E-03	6.22E-05	1.48E-04	1.21E-04	0.00E+00	4.79E-05	1.59E-05	2.59E-06	1.40E-08	1.20E-08	1.00E+00		
55CS 136	2.83E-06	6.51E-06	2.57E-05	1.85E-05	0.00E+00	1.43E-05	1.96E-06	2.92E-06	1.70E-08	1.50E-08	1.00E+00		
55CS 137	3.39E-02	7.97E-05	1.09E-04	7.14E-05	0.00E+00	3.70E-05	1.23E-05	2.11E-06	4.90E-09	4.20E-09	1.00E+00		
55CS 138	2.14E-05	5.52E-08	1.09E-07	5.40E-08	0.00E+00	8.01E-08	7.91E-09	4.65E-13	2.40E-08	2.10E-08	1.00E+00		
26FE 55	3.76E-02	2.75E-06	1.90E-06	4.43E-07	0.00E+00	0.00E+00	1.06E-06	1.09E-06	0.00E+00	0.00E+00	1.00E+00		
26FE 59	7.41E-04	4.34E-06	1.02E-05	3.91E-06	0.00E+00	0.00E+00	2.85E-06	3.40E-05	9.40E-09	8.00E-09	1.00E+00		
1H 3	2.57E+02	0.00E+00	5.99E-08	5.99E-08	5.99E-08	5.99E-08	5.99E-08	5.99E-08	0.00E+00	0.00E+00	1.00E+00		
72HF 181	3.38E-04	4.70E-09	2.56E-08	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00		
53I 129	4.97E-05	3.27E-06	2.81E-06	9.21E-06	7.23E-03	6.04E-06	0.00E+00	4.44E-07	7.50E-10	4.50E-10	1.00E+00		
53I 131	6.18E-03	4.16E-06	5.95E-06	3.41E-06	1.95E-03	1.02E-05	0.00E+00	1.57E-06	3.40E-09	2.80E-09	1.00E+00		
53I 132	3.22E-06	2.03E-07	5.43E-07	1.90E-07	1.90E-05	8.65E-07	0.00E+00	1.02E-07	2.00E-08	1.70E-08	1.00E+00		
53I 133	8.19E-05	1.42E-06	2.47E-06	7.53E-07	3.63E-04	4.31E-06	0.00E+00	2.22E-06	4.50E-09	3.70E-09	1.00E+00		
57LA 140	2.22E-03	2.50E-09	1.26E-09	3.33E-10	0.00E+00	0.00E+00	0.00E+00	9.25E-05	1.70E-08	1.50E-08	1.00E+00		
57LA 141	1.91E-04	3.19E-10	9.90E-11	1.62E-11	0.00E+00	0.00E+00	0.00E+00	1.18E-05	2.80E-10	2.50E-10	1.00E+00		
25MN 54	3.42E-03	0.00E+00	4.57E-06	8.72E-07	0.00E+00	1.36E-06	0.00E+00	1.40E-05	6.80E-09	5.80E-09	1.00E+00		
42MO 99	1.23E-04	0.00E+00	4.31E-06	8.20E-07	0.00E+00	9.76E-06	0.00E+00	9.99E-06	2.20E-09	1.90E-09	1.00E+00		
11NA 24	1.51E-05	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	1.70E-06	2.90E-08	2.50E-08	1.00E+00		
41NB 95	3.14E-02	6.22E-09	3.46E-09	1.86E-09	0.00E+00	3.42E-09	0.00E+00	2.10E-05	6.00E-09	5.10E-09	1.00E+00		
93NP 239	6.06E-05	1.19E-09	1.17E-10	6.45E-11	0.00E+00	3.65E-10	0.00E+00	2.40E-05	1.10E-09	9.50E-10	1.00E+00		
59PR 144	1.63E-03	3.01E-11	1.25E-11	1.53E-12	0.00E+00	7.05E-12	0.00E+00	4.33E-18	2.30E-10	2.00E-10	1.00E+00		
37RB 88	1.55E-05	0.00E+00	6.05E-08	3.21E-08	0.00E+00	0.00E+00	0.00E+00	8.36E-19	4.00E-09	3.50E-09	1.00E+00		
44RU 103	2.50E-04	1.85E-07	0.00E+00	7.97E-08	0.00E+00	7.06E-07	0.00E+00	2.16E-05	4.20E-09	3.60E-09	1.00E+00		
44RU 105	2.08E-06	1.54E-06	0.00E+00	6.08E-09	0.00E+00	1.99E-07	0.00E+00	9.42E-06	5.10E-09	4.50E-09	1.00E+00		
51SB 122	1.49E-04	2.25E-07	4.41E-09	6.55E-08	3.16E-09	0.00E+00	1.17E-07	6.59E-05	0.00E+00	0.00E+00	1.00E+00		
51SB 124	3.82E-02	2.80E-06	5.29E-08	1.11E-06	6.79E-09	0.00E+00	2.18E-06	7.95E-05	1.50E-08	1.30E-08	1.00E+00		
51SB 125	2.19E-01	1.79E-06	2.00E-08	4.26E-07	1.82E-09	0.00E+00	1.38E-06	1.97E-05	3.50E-09	3.10E-09	1.00E+00		
51SB 126	6.99E-04	1.15E-06	2.34E-08	4.15E-07	7.04E-09	0.00E+00	7.05E-07	9.40E-05	1.00E-08	8.90E-09	1.00E+00		
50SN 113	7.14E-04	7.91E-06	2.18E-07	4.53E-07	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00		
50SN 117M	3.44E-05	2.15E-06	5.69E-08	1.65E-07	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00		
38SR 89	1.68E-04	3.08E-04	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	4.94E-05	6.50E-13	5.60E-13	1.00E+00		
38SR 90	1.39E-04	8.71E-03	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	1.00E+00		
43TC 99M	7.21E-05	2.47E-10	6.98E-10	8.89E-09	0.00E+00	1.06E-08	3.42E-10	4.13E-07	1.10E-09	9.60E-10	1.00E+00		
52TE 132	4.03E-05	2.52E-06	1.63E-06	1.53E-06	1.80E-06	1.57E-05	0.00E+00	7.71E-05	2.00E-09	1.70E-09	1.00E+00		
39Y 90	1.39E-04	9.62E-09	0.00E+00	2.58E-10	0.00E+00	0.00E+00	0.00E+00	1.02E-04	2.60E-12	2.20E-12	1.00E+00		
30ZN 65	5.10E-05	4.84E-06	1.54E-05	6.96E-06	0.00E+00	1.03E-05	0.00E+00	9.70E-06	4.60E-09	4.00E-09	1.00E+00		
40ZR 95	2.05E-02	3.04E-08	9.75E-09	6.60E-09	0.00E+00	1.53E-08	0.00E+00	3.09E-05	5.80E-09	5.00E-09	1.00E+00		

* * * TEENAGER DOSE FACTORS * * *

INGESTION DOSE FACTORS

SHORELINE

(MREM/PCI INTAKE)

(MREM/HR) / (PCI/M**2)

NUCLIDE	CURIE/YEAR	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI	SKIN	TOTAL BODY	RECON
47AG 110M	9.35E-03	2.05E-07	1.94E-07	1.18E-07	0.00E+00	3.70E-07	0.00E+00	5.45E-05			
56BA 140	4.71E-04	2.84E-05	3.48E-08	1.85E-06	0.00E+00	1.18E-08	2.34E-08	4.38E-05			
4BE 7	2.90E-05	3.92E-09	8.79E-09	4.35E-09	0.00E+00	9.37E-09	0.00E+00	1.08E-06			
58CE 141	2.13E-04	1.33E-08	8.88E-09	1.02E-09	0.00E+00	4.18E-09	0.00E+00	2.54E-05			
58CE 144	1.63E-03	6.96E-07	2.88E-07	3.74E-08	0.00E+00	1.72E-07	0.00E+00	1.75E-04			
27CO 57	2.04E-04	0.00E+00	2.38E-07	3.99E-07	0.00E+00	0.00E+00	0.00E+00	4.44E-06			
27CO 58	5.00E-02	0.00E+00	9.72E-07	2.24E-06	0.00E+00	0.00E+00	0.00E+00	1.34E-05			
27CO 60	1.42E-02	0.00E+00	2.81E-06	6.33E-06	0.00E+00	0.00E+00	0.00E+00	3.66E-05			
24CR 51	1.77E-02	0.00E+00	0.00E+00	3.60E-09	2.00E-09	7.89E-10	5.14E-09	6.05E-07			
55CS 134	4.33E-03	8.37E-05	1.97E-04	9.14E-05	0.00E+00	6.26E-05	2.39E-05	2.45E-06			
55CS 136	2.83E-06	8.59E-06	3.38E-05	2.27E-05	0.00E+00	1.84E-05	2.90E-06	2.72E-06			
55CS 137	3.39E-02	1.12E-04	1.49E-04	5.19E-05	0.00E+00	5.07E-05	1.97E-05	2.12E-06			
55CS 138	2.14E-05	7.76E-08	1.49E-07	7.45E-08	0.00E+00	1.10E-07	1.28E-08	6.76E-11			
26FE 55	3.76E-02	3.78E-06	2.68E-06	6.25E-07	0.00E+00	0.00E+00	1.70E-06	1.16E-06			
26FE 59	7.41E-04	5.87E-06	1.37E-05	5.29E-06	0.00E+00	0.00E+00	4.32E-06	3.24E-05			
1H 3	2.57E+02	0.00E+00	6.04E-08	6.04E-08	6.04E-08	6.04E-08	6.04E-08	6.04E-08			
72HF 181	3.38E-04	6.72E-09	3.63E-08	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00			
53I 129	4.97E-05	4.66E-06	3.92E-06	6.54E-06	4.77E-03	7.01E-06	0.00E+00	4.57E-07			
53I 131	6.18E-03	5.85E-06	8.13E-06	4.40E-06	2.39E-03	1.41E-05	0.00E+00	1.62E-06			
53I 132	3.22E-06	2.79E-07	7.30E-07	2.62E-07	2.46E-05	1.15E-06	0.00E+00	3.18E-07			
53I 133	8.19E-05	2.01E-06	3.41E-06	1.04E-06	4.76E-04	5.98E-06	0.00E+00	2.58E-06			
57LA 140	2.22E-03	3.48E-09	1.71E-09	4.55E-10	0.00E+00	0.00E+00	0.00E+00	9.82E-05			
57LA 141	1.91E-04	4.55E-10	1.40E-10	2.31E-11	0.00E+00	0.00E+00	0.00E+00	2.48E-05			
25MN 54	3.42E-03	0.00E+00	5.90E-06	1.17E-06	0.00E+00	1.76E-06	0.00E+00	1.21E-05			
42MO 99	1.23E-04	0.00E+00	6.03E-06	1.15E-06	0.00E+00	1.38E-05	0.00E+00	1.08E-05			
11NA 24	1.51E-05	2.30E-06	2.30E-06	2.30E-06	2.30E-06	2.30E-06	2.30E-06	2.30E-06			
41NB 95	3.14E-02	8.22E-09	4.56E-09	2.51E-09	0.00E+00	4.42E-09	0.00E+00	1.95E-05			
93NP 239	6.06E-05	1.76E-09	1.66E-10	9.22E-11	0.00E+00	5.21E-10	0.00E+00	2.67E-05			
59PR 144	1.63E-03	4.30E-11	1.76E-11	2.18E-12	0.00E+00	1.01E-11	0.00E+00	4.74E-14			
37RB 88	1.55E-05	0.00E+00	8.52E-08	4.54E-08	0.00E+00	0.00E+00	0.00E+00	7.30E-15			
44RU 103	2.50E-04	2.55E-07	0.00E+00	1.09E-07	0.00E+00	9.99E-07	0.00E+00	2.13E-05			
44RU 105	2.08E-06	2.18E-08	0.00E+00	8.46E-03	0.00E+00	2.75E-07	0.00E+00	1.76E-05			
51SB 122	1.49E-04	3.21E-07	6.24E-09	9.35E-08	4.22E-09	0.00E+00	2.02E-07	6.91E-05			
51SB 124	3.82E-02	3.87E-06	7.13E-08	1.51E-06	8.78E-09	0.00E+00	3.38E-06	7.80E-05			
51SB 125	2.19E-01	2.48E-06	2.71E-08	5.90E-07	2.37E-09	0.00E+00	2.18E-06	1.93E-05			
51SB 126	6.99E-04	1.59E-06	3.25E-08	5.71E-07	8.99E-09	0.00E+00	1.14E-06	9.41E-05			
50SN 113	7.14E-04	1.13E-05	3.08E-07	6.48E-07	1.72E-07	0.00E+00	0.00E+00	0.00E+00			
50SN 117M	3.44E-05	3.07E-06	8.07E-08	2.36E-07	4.49E-08	0.00E+00	0.00E+00	0.00E+00			
38SR 89	1.68E-04	4.40E-04	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-05			
38SR 90	1.39E-04	1.02E-02	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	2.33E-04			
43TC 99M	7.21E-05	3.32E-10	9.26E-10	1.20E-08	0.00E+00	1.38E-08	5.14E-10	6.08E-07			
52TE 132	4.03E-05	3.49E-06	2.21E-06	2.08E-06	2.33E-06	2.12E-05	0.00E+00	7.00E-05			
39Y 90	1.39E-04	1.37E-08	0.00E+00	3.69E-10	0.00E+00	0.00E+00	0.00E+00	1.13E-04			
30ZN 65	5.10E-05	5.76E-06	2.00E-05	9.33E-06	0.00E+00	1.28E-05	0.00E+00	8.47E-06			
40ZR 95	2.05E-02	4.12E-08	1.30E-08	8.94E-09	0.00E+00	1.91E-08	0.00E+00	3.00E-05			

* * * CHILD DOSE FACTORS * * *

NUCLIDE	CURIE/YEAR	INGESTION DOSE FACTORS (MREM/PCI INTAKE)							SHORELINE (MREM/HR) / (PCI/M**2)		
		BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI	SKIN	TOTAL BODY	RECON
47AG 110M	9.35E-03	5.39E-07	3.64E-07	2.91E-07	0.00E+00	6.78E-07	0.00E+00	4.33E-05			
56BA 140	4.71E-04	8.31E-05	7.28E-08	4.85E-06	0.00E+00	2.37E-08	4.34E-08	4.21E-05			
4BE 7	2.90E-05	1.17E-08	1.99E-08	1.30E-08	0.00E+00	1.97E-08	0.00E+00	1.12E-06			
58CE 141	2.13E-04	3.97E-08	1.98E-08	2.94E-09	0.00E+00	8.68E-09	0.00E+00	2.47E-05			
58CE 144	1.63E-03	2.08E-06	6.52E-07	1.11E-07	0.00E+00	3.61E-07	0.00E+00	1.70E-04			
27CO 57	2.04E-04	0.00E+00	4.93E-07	9.98E-07	0.00E+00	0.00E+00	0.00E+00	4.04E-06			
27CO 58	5.00E-02	0.00E+00	1.80E-06	5.51E-06	0.00E+00	0.00E+00	0.00E+00	1.05E-05			
27CO 60	1.42E-02	0.00E+00	5.29E-06	1.56E-05	0.00E+00	0.00E+00	0.00E+00	2.93E-05			
24CR 51	1.77E-02	0.00E+00	0.00E+00	8.90E-09	4.94E-09	1.35E-09	9.02E-09	4.72E-07			
55CS 134	4.33E-03	2.34E-04	3.84E-04	8.10E-05	0.00E+00	1.19E-04	4.27E-05	2.07E-06			
55CS 136	2.83E-06	2.35E-05	6.46E-05	4.18E-05	0.00E+00	3.44E-05	5.13E-06	2.27E-06			
55CS 137	3.39E-02	3.27E-04	3.13E-04	4.62E-05	0.00E+00	1.02E-04	3.67E-05	1.96E-06			
55CS 138	2.14E-05	2.28E-07	3.17E-07	2.01E-07	0.00E+00	2.23E-07	2.40E-08	1.46E-07			
26FE 55	3.76E-02	1.15E-05	6.10E-06	1.89E-06	0.00E+00	0.00E+00	3.45E-06	1.13E-06			
26FE 59	7.41E-04	1.65E-05	2.67E-05	1.33E-05	0.00E+00	0.00E+00	7.74E-06	2.78E-05			
1H 3	2.57E+02	0.00E+00	1.16E-07	1.16E-07	1.16E-07	1.16E-07	1.16E-07	1.16E-07			
72HF 181	3.38E-04	2.01E-08	8.22E-08	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00			
53I 129	4.97E-05	1.39E-05	8.53E-06	7.62E-06	5.58E-03	1.44E-05	0.00E+00	4.29E-07			
53I 131	6.18E-03	1.72E-05	1.73E-05	9.83E-06	5.72E-03	2.84E-05	0.00E+00	1.54E-06			
53I 132	3.22E-06	8.00E-07	1.47E-06	6.76E-07	6.82E-05	2.25E-06	0.00E+00	1.73E-06			
53I 133	8.19E-05	5.92E-06	7.32E-06	2.77E-06	1.36E-03	1.22E-05	0.00E+00	2.95E-06			
57LA 140	2.22E-03	1.01E-08	3.53E-09	1.19E-09	0.00E+00	0.00E+00	0.00E+00	9.84E-05			
57LA 141	1.91E-04	1.36E-09	3.17E-10	6.88E-11	0.00E+00	0.00E+00	0.00E+00	7.05E-05			
25MN 54	3.42E-03	0.00E+00	1.07E-05	2.85E-06	0.00E+00	3.00E-06	0.00E+00	8.98E-06			
42MO 99	1.23E-04	0.00E+00	1.33E-05	3.29E-06	0.00E+00	2.84E-05	0.00E+00	1.10E-05			
11NA 24	1.51E-05	5.80E-06	5.80E-06	5.80E-06	5.80E-06	5.80E-06	5.80E-06	5.80E-06			
41NB 95	3.14E-02	2.25E-08	8.76E-09	6.26E-09	0.00E+00	8.23E-09	0.00E+00	1.62E-05			
93NP 239	6.06E-05	5.25E-09	3.77E-10	2.65E-10	0.00E+00	1.09E-09	0.00E+00	2.79E-05			
59PR 144	1.63E-03	1.29E-10	3.99E-11	6.49E-12	0.00E+00	2.11E-11	0.00E+00	8.59E-08			
37RB 88	1.55E-05	0.00E+00	1.90E-07	1.32E-07	0.00E+00	0.00E+00	0.00E+00	9.32E-09			
44RU 103	2.50E-04	7.31E-07	0.00E+00	2.81E-07	0.00E+00	1.84E-06	0.00E+00	1.89E-05			
44RU 105	2.08E-06	6.45E-08	0.00E+00	2.34E-08	0.00E+00	5.67E-07	0.00E+00	4.21E-05			
51SB 122	1.49E-04	9.60E-07	1.41E-08	2.79E-07	1.27E-08	0.00E+00	3.91E-07	7.55E-05			
51SB 124	3.82E-02	1.11E-05	1.44E-07	3.89E-06	2.45E-08	0.00E+00	6.16E-06	6.94E-05			
51SB 125	2.19E-01	7.16E-06	5.52E-08	1.50E-06	6.63E-09	0.00E+00	3.99E-06	1.71E-05			
51SB 126	6.99E-04	4.40E-06	6.73E-08	1.58E-06	2.58E-08	0.00E+00	2.10E-06	8.87E-05			
50SN 113	7.14E-04	3.38E-05	6.98E-07	1.94E-06	5.15E-07	0.00E+00	0.00E+00	0.00E+00			
50SN 117M	3.44E-05	9.17E-06	1.83E-07	7.06E-07	1.35E-07	0.00E+00	0.00E+00	0.00E+00			
38SR 89	1.68E-04	1.32E-03	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	5.11E-05			
38SR 90	1.39E-04	2.56E-02	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	2.29E-04			
43TC 99M	7.21E-05	9.23E-10	1.81E-09	3.00E-08	0.00E+00	2.63E-08	9.19E-10	1.03E-06			
52TE 132	4.03E-05	1.01E-05	4.47E-06	5.40E-06	6.51E-06	4.15E-05	0.00E+00	4.50E-05			
39Y 90	1.39E-04	4.11E-08	0.00E+00	1.10E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-04			
30ZN 65	5.10E-05	1.37E-05	3.65E-05	2.27E-05	0.00E+00	2.30E-05	0.00E+00	6.41E-06			
40ZR 95	2.05E-02	1.16E-07	2.55E-08	2.27E-08	0.00E+00	3.68E-08	0.00E+00	2.66E-05			

* * * INFANT DOSE FACTORS * * *

INGESTION DOSE FACTORS

SHORELINE

NUCLIDE	CURIE/YEAR	(MREM/PCI INTAKE)							(MREM/HR)/(PCI/M**2)		
		BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI	SKIN	TOTAL BODY	RECON
47AG 110M	9.35E-03	9.96E-07	7.27E-07	4.81E-07	0.00E+00	1.04E-06	0.00E+00	3.77E-05			
56BA 140	4.71E-04	1.71E-04	1.71E-07	8.81E-06	0.00E+00	4.06E-08	1.05E-07	4.20E-05			
4BE 7	2.90E-05	2.25E-08	4.70E-08	2.53E-08	0.00E+00	3.34E-08	0.00E+00	1.11E-06			
58CE 141	2.13E-04	7.87E-08	4.80E-08	5.65E-09	0.00E+00	1.48E-08	0.00E+00	2.48E-05			
58CE 144	1.63E-03	2.98E-06	1.22E-06	1.67E-07	0.00E+00	4.93E-07	0.00E+00	1.71E-04			
27CO 57	2.04E-04	0.00E+00	1.15E-06	1.87E-06	0.00E+00	0.00E+00	0.00E+00	3.92E-06			
27CO 58	5.00E-02	0.00E+00	3.60E-06	8.98E-06	0.00E+00	0.00E+00	0.00E+00	8.97E-06			
27CO 60	1.42E-02	0.00E+00	1.08E-05	2.55E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-05			
24CR 51	1.77E-02	0.00E+00	0.00E+00	1.41E-08	9.20E-09	2.01E-09	1.79E-08	4.11E-07			
55CS 134	4.33E-03	3.77E-04	7.03E-04	7.10E-05	0.00E+00	1.81E-04	7.42E-05	1.91E-06			
55CS 136	2.83E-06	4.59E-05	1.35E-04	5.04E-05	0.00E+00	5.38E-05	1.10E-05	2.05E-06			
55CS 137	3.39E-02	5.22E-04	6.11E-04	4.33E-05	0.00E+00	1.64E-04	6.64E-05	1.91E-06			
55CS 138	2.14E-05	4.81E-07	7.82E-07	3.79E-07	0.00E+00	3.90E-07	6.09E-08	1.25E-06			
26FE 55	3.76E-02	1.39E-05	8.98E-06	2.40E-06	0.00E+00	0.00E+00	4.39E-06	1.14E-06			
26FE 59	7.41E-04	3.08E-05	5.38E-05	2.12E-05	0.00E+00	0.00E+00	1.59E-05	2.57E-05			
1H 3	2.57E+02	0.00E+00	1.76E-07	1.76E-07	1.76E-07	1.76E-07	1.76E-07	1.76E-07			
72HF 181	3.38E-04	3.92E-08	1.97E-07	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00			
53I 129	4.97E-05	2.86E-05	2.12E-05	1.55E-05	1.36E-02	2.51E-05	0.00E+00	4.24E-07			
53I 131	6.18E-03	3.59E-05	4.23E-05	1.86E-05	1.39E-02	4.94E-05	0.00E+00	1.51E-06			
53I 132	3.22E-06	1.66E-06	3.37E-06	1.20E-06	1.58E-04	3.76E-06	0.00E+00	2.73E-06			
53I 133	8.19E-05	1.25E-05	1.82E-05	5.33E-06	3.31E-03	2.14E-05	0.00E+00	3.08E-06			
57LA 140	2.22E-03	2.11E-08	8.32E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	9.77E-05			
57LA 141	1.91E-04	2.89E-09	8.38E-10	1.46E-10	0.00E+00	0.00E+00	0.00E+00	9.61E-05			
25MN 54	3.42E-03	0.00E+00	1.99E-05	4.51E-06	0.00E+00	4.41E-06	0.00E+00	7.31E-06			
42MO 99	1.23E-01	0.00E+00	3.40E-05	6.63E-06	0.00E+00	5.08E-05	0.00E+00	1.12E-05			
11NA 24	1.51E-05	1.01E-05	1.01E-05	1.01E-05	1.01E-05	1.01E-05	1.01E-05	1.01E-05			
41NB 95	3.14E-02	4.20E-08	1.73E-08	1.00E-08	0.00E+00	1.24E-08	0.00E+00	1.46E-05			
93NP 239	6.06E-05	1.11E-08	9.93E-10	5.61E-10	0.00E+00	1.98E-09	0.00E+00	2.87E-05			
59PR 144	1.63E-03	2.74E-10	1.06E-10	1.38E-11	0.00E+00	3.84E-11	0.00E+00	4.90E-06			
37RB 88	1.55E-05	0.00E+00	4.98E-07	2.73E-07	0.00E+00	0.00E+00	0.00E+00	4.85E-07			
44RU 103	2.50E-04	1.48E-06	0.00E+00	4.95E-07	0.00E+00	3.08E-06	0.00E+00	1.80E-05			
44RU 105	2.08E-06	1.36E-07	0.00E+00	4.58E-08	0.00E+00	1.00E-06	0.00E+00	5.41E-05			
51SB 122	1.49E-04	2.03E-06	3.72E-08	5.92E-07	3.15E-08	0.00E+00	1.06E-06	7.65E-05			
51SB 124	3.82E-02	2.14E-05	3.15E-07	6.63E-06	5.68E-08	0.00E+00	1.34E-05	6.60E-05			
51SB 125	2.19E-01	1.23E-05	1.19E-07	2.53E-06	1.54E-08	0.00E+00	7.12E-06	1.64E-05			
51SB 126	6.99E-04	8.06E-06	1.58E-07	2.91E-06	6.19E-08	0.00E+00	5.07E-06	8.35E-05			
50SN 113	7.14E-04	6.39E-05	1.65E-06	3.89E-06	1.15E-06	0.00E+00	0.00E+00	0.00E+00			
50SN 117M	3.44E-05	1.90E-05	4.70E-07	1.47E-06	3.28E-07	0.00E+00	0.00E+00	0.00E+00			
38SR 89	1.68E-04	2.51E-03	0.00E+00	7.20E-05	0.00E+00	0.00E+00	0.00E+00	5.16E-05			
38SR 90	1.39E-04	2.83E-02	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-04			
43TC 99M	7.21E-05	1.92E-09	3.96E-09	5.10E-08	0.00E+00	4.26E-08	2.07E-09	1.15E-06			
52TE 132	4.03E-05	2.08E-05	1.03E-05	9.61E-06	1.52E-05	6.44E-05	0.00E+00	3.81E-05			
39Y 90	1.39E-04	8.69E-08	0.00E+00	2.33E-09	0.00E+00	0.00E+00	0.00E+00	1.20E-04			
30ZN 65	5.10E-05	1.84E-05	6.31E-05	2.91E-05	0.00E+00	3.06E-05	0.00E+00	5.33E-05			
40ZR 95	2.05E-02	2.06E-07	5.02E-08	3.56E-08	0.00E+00	5.41E-08	0.00E+00	2.50E-05			

TOTAL NUMBER IN SOURCE TERM IS 45 TOTAL RELEASE IS 2.5710E+02

* * * AS LOW AS REASONABLY ACHIEVABLE * * *

A D U L T D O S E S

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		2.41E-02	3.49E-02	2.37E-02	7.45E-04	1.18E-02	3.97E-03	7.89E-02
DRINKING		1.61E-04	6.58E-04	6.17E-04	8.94E-04	5.59E-04	5.38E-04	8.81E-04
SHORELINE	9.77E-05	8.46E-05	8.46E-05	8.46E-05	8.46E-05	8.46E-05	8.46E-05	8.46E-05
SWIMMING		1.50E-06	1.50E-06	1.50E-06	1.50E-06	1.50E-06	1.50E-06	1.50E-06
BOATING		7.51E-07	7.51E-07	7.51E-07	7.51E-07	7.51E-07	7.51E-07	7.51E-07
TOTAL	9.77E-05	2.44E-02	3.57E-02	2.44E-02	1.73E-03	1.25E-02	4.60E-03	7.99E-02

PATHWAY	USAGE (KG/YR,HR/YR)	DILUTION	TIME (HR)	SHOREWIDTH FACTOR=0.2					
				SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY
FISH	21.0	7.3	24.00						
DRINKING	730.0	30.8	18.60						
SHORELINE	12.0	7.3	0.00						
SWIMMING	12.0	7.3	0.00						
BOATING	12.0	7.3	0.00						

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION							
		SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH	AG 110M		5.71E-05	3.65E-05	3.19E-05	0.00E+00	2.12E-04	0.00E+00	6.59E-03
	BA 140		6.03E-04	5.23E-07	4.02E-05	0.00E+00	5.26E-07	2.64E-06	3.80E-04
	BE 7		2.61E-09	4.09E-09	2.96E-09	0.00E+00	1.28E-08	0.00E+00	3.15E-07
	CE 141		3.24E-08	1.51E-08	2.53E-09	0.00E+00	2.08E-08	0.00E+00	2.56E-05
	CE 144		1.32E-05	3.81E-06	7.20E-07	0.00E+00	6.68E-06	0.00E+00	1.36E-03
	CO 57		0.00E+00	2.04E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-04
	CO 58		0.00E+00	2.12E-02	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-01
	CO 60		0.00E+00	1.75E-02	5.68E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
	CR 51		0.00E+00	0.00E+00	1.55E-04	2.95E-03	6.87E-05	1.23E-03	1.17E-02
	CS 134		8.96E+00	1.47E+01	1.77E+01	0.00E+00	1.41E+01	1.39E+01	1.14E-01
	CS 136		5.82E-04	1.59E-03	1.68E-03	0.00E+00	2.61E-03	1.06E-03	7.97E-05
	CS 137		8.98E+01	8.48E+01	8.18E+01	0.00E+00	8.52E+01	8.42E+01	7.27E-01
	CS 138		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55		1.72E-01	8.21E-02	2.82E-02	0.00E+00	0.00E+00	4.03E-01	2.08E-02
	FE 59		5.27E-03	8.56E-03	4.83E-03	0.00E+00	0.00E+00	2.10E-02	1.26E-02
	H 3		0.00E+00	1.59E-01	2.34E-01	7.45E+00	4.70E-01	1.40E+00	7.03E-02
	HF 181		8.59E-08	3.23E-07	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129		4.06E-05	2.41E-05	1.16E-04	2.90E+00	1.53E-04	0.00E+00	1.68E-06
	I 131		5.89E-03	5.82E-03	4.91E-03	8.94E+01	2.95E-02	0.00E+00	6.79E-04
	I 132		1.18E-10	2.18E-10	1.12E-10	3.58E-07	1.03E-09	0.00E+00	1.81E-11
	I 133		1.31E-05	1.57E-05	7.04E-06	1.08E-01	8.10E-05	0.00E+00	6.24E-06
	LA 140		1.53E-06	5.32E-07	2.07E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-02
	LA 141		3.71E-10	7.95E-11	1.91E-11	0.00E+00	0.00E+00	0.00E+00	4.19E-06
	MN 54		0.00E+00	7.16E-02	2.01E-02	0.00E+00	6.30E-02	0.00E+00	9.71E-02
	MO 99		0.00E+00	4.72E-05	1.32E-05	0.00E+00	3.16E-04	0.00E+00	4.84E-05

PATHWAY	ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH (CONTINUED)										
NA	24		1.41E-05	9.75E-06	1.43E-05	4.57E-04	2.88E-05	8.58E-05	4.31E-06	
NB	95		9.55E-02	3.67E-02	2.90E-02	0.00E+00	1.07E-01	0.00E+00	9.85E+01	
NP	239		8.94E-09	6.07E-10	4.93E-10	0.00E+00	5.60E-09	0.00E+00	5.51E-05	
PR	144		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
RB	88		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
RU	103		7.55E-06	0.00E+00	3.31E-06	0.00E+00	5.89E-05	0.00E+00	2.69E-04	
RU	105		1.26E-10	0.00E+00	5.04E-11	0.00E+00	3.31E-09	0.00E+00	2.35E-08	
SB	122		4.31E-07	5.84E-09	1.28E-07	1.96E-07	0.00E+00	1.36E-06	3.86E-05	
SB	124		1.76E-03	2.30E-05	7.10E-04	1.38E-04	0.00E+00	8.33E-03	1.53E-02	
SB	125		6.51E-03	5.02E-05	1.57E-03	2.14E-04	0.00E+00	3.05E-02	2.19E-02	
SB	126		1.27E-05	1.78E-07	4.64E-06	2.51E-06	0.00E+00	4.71E-05	3.16E-04	
SN	113		2.80E-01	5.34E-03	1.63E-02	1.48E-01	0.00E+00	0.00E+00	0.00E+00	
SN	117M		3.51E-03	6.41E-05	2.74E-04	1.78E-03	0.00E+00	0.00E+00	0.00E+00	
SR	89		2.55E-02	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-03	
SR	90		6.04E-01	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.64E-03	
TC	99M		2.80E-10	5.47E-10	1.02E-08	0.00E+00	2.45E-08	2.36E-09	1.43E-07	
TE	132		5.47E-04	2.44E-04	3.37E-04	1.26E-02	6.96E-03	0.00E+00	5.11E-03	
Y	90		4.29E-07	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-03	
ZN	65		8.19E-03	1.80E-02	1.20E-02	0.00E+00	3.56E-02	0.00E+00	5.01E-03	
ZR	95		3.39E-05	7.50E-06	7.47E-06	0.00E+00	3.48E-05	0.00E+00	1.05E-02	

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	AG 110M	3.06E-02	6.94E-03	4.40E-03	0.00E+00	1.61E-02	0.00E+00	2.12E+00
	BA 140	1.88E-01	5.79E-05	3.22E-03	0.00E+00	2.32E-05	4.05E-05	7.09E-02
	BE 7	1.61E-06	8.96E-07	4.69E-07	0.00E+00	1.12E-06	0.00E+00	1.16E-04
	CE 141	4.01E-05	6.65E-06	8.05E-07	0.00E+00	3.64E-06	0.00E+00	1.90E-02
	CE 144	1.63E-02	1.67E-03	2.28E-04	0.00E+00	1.16E-03	0.00E+00	1.01E+00
	CO 57	0.00E+00	1.79E-04	3.17E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-03
	CO 58	0.00E+00	1.86E-01	4.44E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+00
	CO 60	0.00E+00	1.53E-01	3.60E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
	CR 51	0.00E+00	0.00E+00	2.47E-04	1.02E-04	6.02E-05	3.76E-04	4.36E-02
	CS 134	5.52E+00	3.22E+00	2.81E+00	0.00E+00	1.23E+00	4.23E-01	4.21E-02
	CS 136	3.63E-04	3.51E-04	2.69E-04	0.00E+00	2.30E-04	3.27E-05	2.98E-05
	CS 137	5.53E+01	1.85E+01	1.30E+01	0.00E+00	7.42E+00	2.56E+00	2.68E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.12E+00	3.59E-01	8.92E-02	0.00E+00	0.00E+00	2.45E-01	1.54E-01
	FE 59	6.52E-02	3.75E-02	1.53E-02	0.00E+00	0.00E+00	1.28E-02	9.35E-02
	H 3	0.00E+00	7.72E+01	8.23E+01	5.69E+01	9.09E+01	9.44E+01	5.77E+01
	HF 181	3.22E-05	4.29E-05	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.33E-03	7.02E-04	2.45E-03	1.33E+00	1.78E-03	0.00E+00	8.29E-05
	I 131	4.93E-01	1.73E-01	1.06E-01	4.17E+01	3.49E-01	0.00E+00	3.41E-02
	I 132	4.93E-08	3.23E-08	1.21E-08	8.34E-07	6.07E-08	0.00E+00	4.54E-09
	I 133	1.28E-03	5.47E-04	1.78E-04	5.92E-02	1.12E-03	0.00E+00	3.67E-04
	LA 140	8.27E-05	1.02E-05	2.88E-06	0.00E+00	0.00E+00	0.00E+00	5.60E-01
	LA 141	4.73E-08	3.59E-09	6.27E-10	0.00E+00	0.00E+00	0.00E+00	3.20E-04
	MN 54	0.00E+00	7.83E-02	1.59E-02	0.00E+00	2.75E-02	0.00E+00	1.79E-01
	MO 99	0.00E+00	2.18E-03	4.43E-04	0.00E+00	5.82E-03	0.00E+00	3.78E-03
	NA 24	2.23E-04	5.47E-05	5.83E-05	4.03E-05	6.44E-05	6.68E-05	4.08E-05
	NB 95	3.94E-03	5.37E-04	3.08E-04	0.00E+00	6.25E-04	0.00E+00	2.44E+00
	NP 239	1.18E-06	2.84E-08	1.67E-08	0.00E+00	1.04E-07	0.00E+00	4.35E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.34E-04	0.00E+00	1.05E-04	0.00E+00	1.03E-03	0.00E+00	2.00E-02
	RU 105	3.60E-08	0.00E+00	3.71E-09	0.00E+00	1.34E-07	0.00E+00	4.03E-06
	SB 122	5.63E-04	2.70E-06	4.28E-05	1.43E-06	0.00E+00	8.77E-05	3.02E-02
	SB 124	2.18E+00	1.01E-02	2.25E-01	9.52E-04	0.00E+00	5.08E-01	1.13E+01
	SB 125	8.02E+00	2.20E-02	4.99E-01	1.47E-03	0.00E+00	1.85E+00	1.62E+01
	SB 126	1.58E-02	7.87E-05	1.49E-03	1.74E-05	0.00E+00	2.90E-03	2.36E-01
	SN 113	1.15E-01	7.79E-04	1.73E-03	3.39E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.46E-03	9.45E-06	2.92E-05	4.12E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.05E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	3.08E-02
	SR 90	2.48E+01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-01
	TC 99M	4.28E-08	2.97E-08	4.03E-07	0.00E+00	5.31E-07	1.78E-08	1.31E-05
	TE 132	1.77E-03	2.80E-04	2.80E-04	2.28E-04	3.18E-03	0.00E+00	9.90E-03
	Y 90	2.24E-05	0.00E+00	1.57E-07	0.00E+00	0.00E+00	0.00E+00	4.35E-02
	ZN 65	5.05E-03	3.93E-03	1.90E-03	0.00E+00	3.10E-03	0.00E+00	1.85E-03
	ZR 95	1.27E-02	9.96E-04	7.19E-04	0.00E+00	1.84E-03	0.00E+00	2.36E+00

PATHWAY SHORELINE	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	SKIN	BONE	LIVER				
AG 110M	2.31E+00			2.29E+00			
BA 140	6.80E-04			6.87E-04			
BE 7	0.00E+00			0.00E+00			
CE 141	2.01E-04			2.06E-04			
CE 144	8.05E-03			8.04E-03			
CO 57	2.59E-03			2.73E-03			
CO 58	1.37E+00			1.35E+00			
CO 60	2.38E+01			2.34E+01			
CR 51	5.98E-03			5.84E-03			
CS 134	2.13E+00			2.11E+00			
CS 136	2.96E-05			3.02E-05			
CS 137	3.16E+01			3.13E+01			
CS 138	5.41E-07			5.46E-07			
FE 55	0.00E+00			0.00E+00			
FE 59	1.46E-02			1.43E-02			
H 3	0.00E+00			0.00E+00			
HF 181	0.00E+00			0.00E+00			
I 129	8.86E-03			6.14E-03			
I 131	7.94E-03			7.55E-03			
I 132	2.90E-07			2.85E-07			
I 133	1.50E-05			1.43E-05			
LA 140	2.98E-03			3.03E-03			
LA 141	4.12E-07			4.25E-07			
MN 54	3.41E-01			3.36E-01			
MO 99	3.48E-05			3.47E-05			
NA 24	1.29E-05			1.28E-05			
NB 95	3.11E-01			3.05E-01			
NP 239	7.38E-06			7.36E-06			
PR 144	2.11E-07			2.12E-07			
RB 88	3.60E-08			3.64E-08			
RU 103	1.94E-03			1.92E-03			
RU 105	9.22E-08			9.40E-08			
SB 122	0.00E+00			0.00E+00			
SB 124	1.63E+00			1.63E+00			
SB 125	3.61E+01			3.69E+01			
SB 126	4.07E-03			4.19E-03			
SN 113	0.00E+00			0.00E+00			
SN 117M	0.00E+00			0.00E+00			
SR 89	2.59E-07			2.57E-07			
SR 90	0.00E+00			0.00E+00			
TC 99M	9.34E-07			9.41E-07			
TE 132	1.24E-05			1.21E-05			
Y 90	4.54E-08			4.44E-08			
ZN 65	2.68E-03			2.70E-03			
ZR 95	3.59E-01			3.57E-01			

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SWIMMING	SKIN	BONE	LIVER				
	AG 110M			7.00E+00			
	BA 140			3.52E-02			
	BE 7			0.00E+00			
	CE 141			4.22E-03			
	CE 144			2.14E-02			
	CO 57			6.84E-03			
	CO 58			1.37E+01			
	CO 60			9.99E+00			
	CR 51			1.40E-01			
	CS 134			1.92E+00			
	CS 136			1.77E-03			
	CS 137			5.17E+00			
	CS 138			1.71E-02			
	FE 55			3.67E-04			
	FE 59			2.49E-01			
	H 2			0.00E+00			
	HF 181			0.00E+00			
	I 129			1.29E-04			
	I 131			7.36E-01			
	I 132			2.16E-03			
	I 133			1.20E-02			
	LA 140			1.39E+00			
	LA 141			1.49E-03			
	MN 54			7.82E-01			
	MO 99			8.79E-03			
	NA 24			1.80E-02			
	NB 95			6.70E+00			
	NP 239			2.22E-03			
	PR 144			1.39E-02			
	RB 88			2.83E-03			
	RU 103			3.39E-02			
	RU 105			3.82E-04			
	SB 122			0.00E+00			
	SB 124			2.10E+01			
	SB 125			2.60E+01			
	SB 126			2.56E-01			
	SN 113			0.00E+00			
	SN 117M			0.00E+00			
	SR 89			1.18E-04			
	SR 90			1.15E-05			
	TC 99M			2.64E-03			
	TE 132			1.46E-03			
	Y 90			2.76E-04			
	ZN 65			8.56E-03			
	ZR 95			4.70E+00			

PATHWAY BOATING	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	AG 110M					7.00E+00				
	BA 140					3.52E-02				
	BE 7					0.00E+00				
	CE 141					4.22E-03				
	CE 144					2.14E-02				
	CO 57					6.84E-03				
	CO 58					1.37E+01				
	CO 60					9.99E+00				
	CR 51					1.40E-01				
	CS 134					1.92E+00				
	CS 136					1.77E-03				
	CS 137					5.17E+00				
	CS 138					1.31E-02				
	FE 55					3.67E-04				
	FE 59					2.49E-01				
	H 3					0.00E+00				
	HF 181					0.00E+00				
	I 129					1.29E-04				
	I 131					7.36E-01				
	I 132					2.16E-03				
	I 133					1.20E-02				
	LA 140					1.39E+00				
	LA 141					1.49E-03				
	MN 54					7.82E-01				
	MO 99					8.79E-03				
	NA 24					1.80E-02				
	NB 95					6.70E+00				
	NP 239					2.22E-03				
	PR 144					1.39E-02				
	RB 88					2.83E-03				
	RU 103					3.39E-02				
	RU 105					3.82E-04				
	SB 122					0.00E+00				
	SB 124					2.10E+01				
	SB 125					2.60E+01				
	SB 126					2.56E-01				
	SN 113					0.00E+00				
	SN 117M					0.00E+00				
	SR 89					1.18E-04				
	SR 90					1.15E-05				
	TC 99M					2.64E-03				
	TE 132					2.46E-03				
	Y 90					2.7E-04				
	ZN 65					8.56E-03				
	ZR 95					4.70E+00				

* * * AS LOW AS REASONABLY ACHIEVABLE * * *

TEENAGER DOSES

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		2.57E-02	3.62E-02	1.33E-02	6.78E-04	1.22E-02	4.78E-03	5.59E-02
DRINKING		1.51E-04	5.01E-04	4.19E-04	6.83E-04	4.06E-04	3.91E-04	6.10E-04
SHORELINE	5.45E-04	4.72E-04	4.72E-04	4.72E-04	4.72E-04	4.72E-04	4.72E-04	4.72E-04
SWIMMING		8.39E-06	8.39E-06	8.39E-06	8.39E-06	8.39E-06	8.39E-06	8.39E-06
BOATING		4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06
TOTAL	5.45E-04	2.63E-02	3.72E-02	1.42E-02	1.85E-03	1.31E-02	5.65E-03	5.70E-02

	USAGE (KG/YR,HR/YR)	DILUTION	TIME (HR)	SHOREWIDTH FACTOR=0.2
FISH	16.0	7.3	24.00	
DRINKING	510.0	30.8	18.60	
SHORELINE	67.0	7.3	0.00	
SWIMMING	67.0	7.3	0.00	
BOATING	67.0	7.3	0.00	

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *								
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH								
AG 110M		5.23E-05	3.51E-05	5.83E-05	0.00E+00	1.98E-04	0.00E+00	6.40E-03
BA 140		6.03E-04	5.25E-07	7.53E-05	0.00E+00	5.27E-07	2.67E-06	4.28E-04
BE 7		2.67E-09	4.25E-09	5.74E-09	0.00E+00	1.34E-08	0.00E+00	3.39E-07
CE 141		3.30E-08	1.56E-08	4.89E-09	0.00E+00	2.18E-08	0.00E+00	2.89E-05
CE 144		1.35E-05	3.95E-06	1.40E-06	0.00E+00	6.99E-06	0.00E+00	1.56E-03
CO 57		0.00E+00	2.04E-05	9.34E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-04
CO 58		0.00E+00	2.03E-02	1.28E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
CO 60		0.00E+00	1.69E-02	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.42E-01
CR 51		0.00E+00	0.00E+00	2.86E-04	3.11E-03	6.81E-05	1.14E-03	1.14E-02
CS 134		8.62E+00	1.44E+01	1.82E+01	0.00E+00	1.35E+01	1.32E+01	1.16E-01
CS 136		5.49E-04	1.53E-03	2.81E-03	0.00E+00	2.47E-03	9.96E-04	7.99E-05
CS 137		9.03E+01	8.52E+01	8.10E+01	0.00E+00	8.59E+01	8.54E+01	7.86E-01
CS 138		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FE 55		1.69E-01	8.51E-02	5.41E-02	0.00E+00	0.00E+00	4.09E-01	2.39E-02
FE 59		5.10E-03	8.44E-03	8.89E-03	0.00E+00	0.00E+00	2.02E-02	1.29E-02
H 3		0.00E+00	1.18E-01	3.21E-01	6.29E+00	3.49E-01	8.93E-01	7.63E-02
HF 181		8.78E-08	3.37E-07	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I 129		4.14E-05	2.47E-05	1.12E-04	1.61E+00	1.31E-04	0.00E+00	1.87E-06
I 131		5.92E-03	5.89E-03	8.63E-03	9.18E+01	3.00E-02	0.00E+00	7.54E-04
I 132		1.16E-10	2.15E-10	2.11E-10	3.88E-07	1.00E-09	0.00E+00	6.08E-11
I 133		1.32E-05	1.59E-05	1.32E-05	1.19E-01	8.26E-05	0.00E+00	7.80E-06
LA 140		1.52E-06	5.30E-07	3.85E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-02
LA 141		3.78E-10	8.26E-11	3.72E-11	0.00E+00	0.00E+00	0.00E+00	9.48E-06
MN 54		0.00E+00	6.79E-02	3.68E-02	0.00E+00	6.00E-02	0.00E+00	9.03E-02
MO 99		0.00E+00	4.85E-05	2.52E-05	0.00E+00	3.29E-04	0.00E+00	5.63E-05
NA 24		1.37E-05	9.69E-06	2.64E-05	5.18E-04	2.87E-05	7.35E-05	6.28E-06
NB 95		9.03E-02	3.55E-02	5.34E-02	0.00E+00	1.02E-01	0.00E+00	9.85E-01

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH (CONTINUED)										
	NP 239		9.46E-09	6.33E-10	9.59E-10	0.00E+00	5.88E-09	0.00E+00	6.60E-05	
	PR 144		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RB 88		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RU 103		7.44E-06	0.00E+00	6.16E-06	0.00E+00	5.51E-05	0.00E+00	2.86E-04	
	RU 105		1.27E-10	0.00E+00	9.55E-11	0.00E+00	3.37E-09	0.00E+00	4.72E-08	
	SB 122		4.40E-07	6.07E-09	2.48E-07	2.19E-07	0.00E+00	1.49E-06	4.36E-05	
	SB 124		1.74E-03	2.28E-05	1.32E-03	1.50E-04	0.00E+00	8.18E-03	1.61E-02	
	SB 125		6.45E-03	5.00E-05	2.92E-03	2.34E-04	0.00E+00	3.05E-02	2.31E-02	
	SB 126		1.25E-05	1.81E-07	8.70E-06	2.68E-06	0.00E+00	4.82E-05	3.40E-04	
	SN 113		2.86E-01	5.54E-03	3.18E-02	1.65E-01	0.00E+00	0.00E+00	0.00E+00	
	SN 117M		3.58E-03	6.68E-05	5.33E-04	1.99E-03	0.00E+00	0.00E+00	0.00E+00	
	SR 89		2.60E-02	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-03	
	SR 90		5.06E-01	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03	
	TC 99M		2.69E-10	5.33E-10	1.88E-08	0.00E+00	2.35E-08	2.24E-09	2.27E-07	
	TE 132		5.42E-04	2.43E-04	6.25E-04	1.37E-02	6.91E-03	0.00E+00	5.00E-03	
	Y 90		4.37E-07	0.00E+00	2.28E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-03	
	ZN 65		6.97E-03	1.72E-02	2.18E-02	0.00E+00	3.25E-02	0.00E+00	4.71E-03	
	ZR 95		3.28E-05	7.35E-06	1.38E-05	0.00E+00	3.20E-05	0.00E+00	1.10E-02	

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION						
DRINKING	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	AG 110M	2.92E-02	8.35E-03	6.08E-03	0.00E+00	1.96E-02	0.00E+00	1.93E+00
	BA 140	1.96E-01	7.26E-05	4.56E-03	0.00E+00	3.03E-05	6.24E-05	7.50E-02
	BE 7	1.72E-06	1.17E-06	6.89E-07	0.00E+00	1.53E-06	0.00E+00	1.18E-04
	CE 141	4.25E-05	8.57E-06	1.18E-06	0.00E+00	4.97E-06	0.00E+00	2.01E-02
	CE 144	1.73E-02	2.16E-03	3.35E-04	0.00E+00	1.59E-03	0.00E+00	1.08E+00
	CO 57	0.00E+00	2.23E-04	4.48E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-03
	CO 58	0.00E+00	2.23E-01	6.13E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+00
	CO 60	0.00E+00	1.84E-01	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.97E+00
	CR 51	0.00E+00	0.00E+00	3.45E-04	1.17E-04	7.79E-05	5.26E-04	3.98E-02
	CS 134	5.54E+00	3.93E+00	2.18E+00	0.00E+00	1.54E+00	6.11E-01	4.02E-02
	CS 136	3.57E-04	4.24E-04	3.40E-04	0.00E+00	2.84E-04	4.65E-05	2.80E-05
	CS 137	5.80E+01	2.33E+01	9.70E+00	0.00E+00	9.77E+00	3.94E+00	2.72E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.17E+00	4.65E-01	1.30E-01	0.00E+00	0.00E+00	3.77E-01	1.65E-01
	FE 59	6.57E-02	4.63E-02	2.14E-02	0.00E+00	0.00E+00	1.87E-02	8.99E-02
	H 3	0.00E+00	7.15E+01	8.55E+01	5.24E+01	8.81E+01	9.15E+01	5.87E+01
	HF 181	3.43E-05	5.59E-05	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.54E-03	8.99E-04	1.79E-03	8.02E-01	1.98E-03	0.00E+00	8.61E-05
	I 131	5.17E-01	2.19E-01	1.40E-01	4.67E+01	4.64E-01	0.00E+00	3.55E-02
	I 132	5.06E-08	3.99E-08	1.71E-08	9.86E-07	7.76E-08	0.00E+00	1.43E-08
	I 133	1.35E-03	6.94E-04	2.53E-04	7.10E-02	1.50E-03	0.00E+00	4.31E-04
	LA 140	8.58E-05	1.27E-05	4.05E-06	0.00E+00	0.00E+00	0.00E+00	6.00E-01
	LA 141	5.03E-08	4.67E-09	9.21E-10	0.00E+00	0.00E+00	0.00E+00	6.79E-04
	MN 54	0.00E+00	9.28E-02	2.20E-02	0.00E+00	3.41E-02	0.00E+00	1.56E-01
	MO 99	0.00E+00	2.80E-03	6.40E-04	0.00E+00	7.91E-03	0.00E+00	4.13E-03
	NA 24	2.25E-04	6.79E-05	8.12E-05	4.98E-05	8.37E-05	8.69E-05	5.58E-05
	NB 95	3.88E-03	6.50E-04	4.28E-04	0.00E+00	7.77E-04	0.00E+00	2.28E+00

PATHWAY	ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING (CONTINUED)										
	NP 239		1.30E-06		3.69E-08	2.45E-08	0.00E+00	1.43E-07	0.00E+00	4.88E-03
	PR 144		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103		9.60E-04		0.00E+00	1.48E-04	0.00E+00	1.26E-03	0.00E+00	1.99E-02
	RU 105		3.80E-08		0.00E+00	5.32E-09	0.00E+00	1.78E-07	0.00E+00	7.60E-06
	SB 122		5.99E-04		3.51E-06	6.30E-05	1.74E-06	0.00E+00	1.46E-04	3.20E-02
	SB 124		2.24E+00		1.25E-02	3.16E-01	1.13E-03	0.00E+00	7.56E-01	1.12E+01
	SB 125		8.28E+00		2.73E-02	6.99E-01	1.75E-03	0.00E+00	2.81E+00	1.60E+01
	SB 126		1.63E-02		1.00E-04	2.11E-01	2.03E-05	0.00E+00	4.51E-03	2.39E-01
	SN 113		1.23E-01		1.01E-03	2.54E-03	4.13E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M		1.55E-03		1.23E-05	4.30E-05	5.02E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89		1.12E+00		0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	3.30E-02
	SR 90		2.17E+01		0.00E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-01
	TC 99M		4.29E-08		3.61E-08	5.60E-07	0.00E+00	6.64E-07	2.57E-08	1.95E-05
	TE 132		1.82E-03		3.49E-04	3.92E-04	2.69E-04	4.12E-03	0.00E+00	9.07E-03
	Y 90		2.38E-05		0.00E+00	2.31E-07	0.00E+00	0.00E+00	0.00E+00	4.87E-02
	ZN 65		4.48E-03		4.69E-03	2.62E-03	0.00E+00	3.70E-03	0.00E+00	1.63E-03
	ZR 95		1.28E-02		1.22E-03	1.00E-03	0.00E+00	2.21E-03	0.00E+00	2.31E+00

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SHORELINE	SKIN	BONE	LIVER				
	AG 110M	2.31E+00		2.29E+00			
	BA 140	6.80E-04		6.87E-04			
	BE 7	0.00E+00		0.00E+00			
	CE 141	2.01E-04		2.06E-04			
	CE 144	8.05E-03		8.04E-03			
	CO 57	2.59E-03		2.73E-03			
	CO 58	1.37E+00		1.35E+00			
	CO 60	2.38E+01		2.34E+01			
	CR 51	5.98E-03		5.84E-03			
	CS 134	2.13E+00		2.11E+00			
	CS 136	2.96E-05		3.02E-05			
	CS 137	3.16E+01		3.13E+01			
	CS 138	5.41E-07		5.46E-07			
	FE 55	0.00E+00		0.00E+00			
	FE 59	1.46E-02		1.43E-02			
	H 3	0.00E+00		0.00E+00			
	HF 181	0.00E+00		0.00E+00			
	I 129	8.86E-03		6.14E-03			
	I 131	7.94E-03		7.55E-03			
	I 132	2.90E-07		2.85E-07			
	I 133	1.50E-05		1.43E-05			
	LA 140	2.98E-03		3.03E-03			
	LA 141	4.12E-07		4.25E-07			
	MN 54	3.41E-01		3.36E-01			
	MO 99	3.48E-05		3.47E-05			
	NA 24	1.29E-05		1.28E-05			
	NB 95	3.11E-01		3.05E-01			
	NP 239	7.38E-06		7.36E-06			
	PR 144	2.11E-07		2.12E-07			
	RB 88	3.60E-08		3.64E-08			
	RU 103	1.94E-03		1.92E-03			
	RU 105	9.22E-08		9.40E-08			
	SB 122	0.00E+00		0.00E+00			
	SB 124	1.63E+00		1.63E+00			
	SB 125	3.61E+01		3.69E+01			
	SB 126	4.07E-03		4.19E-03			
	SN 113	0.00E+00		0.00E+00			
	SN 117M	0.00E+00		0.00E+00			
	SR 89	2.59E-07		2.57E-07			
	SR 90	0.00E+00		0.00E+00			
	TC 99M	9.34E-07		9.41E-07			
	TE 132	1.24E-05		1.21E-05			
	Y 90	4.54E-08		4.44E-08			
	ZN 65	2.68E-03		2.70E-03			
	Zk 95	3.59E-01		3.57E-01			

PATHWAY	INDIVIDUAL	ISOTOPE	PERCENT	CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SWIMMING	SKIN		BONE	LIVER					
	AG	110M			7.00E+00				
	BA	140			3.52E-02				
	BE	7			0.00E+00				
	CE	141			4.22E-03				
	CE	144			2.14E-02				
	CO	57			6.84E-03				
	CO	58			1.37E+01				
	CO	60			9.99E+00				
	CR	51			1.40E-01				
	CS	134			1.92E+00				
	CS	136			1.77E-03				
	CS	137			5.17E+00				
	CS	138			1.31E-02				
	FE	55			3.67E-04				
	FE	59			2.49E-01				
	H	3			0.00E+00				
	HF	181			0.00E+00				
	I	129			1.29E-04				
	I	131			7.36E-01				
	I	132			2.16E-03				
	I	133			1.20E-02				
	LA	140			1.39E+00				
	LA	141			1.49E-03				
	MN	54			7.82E-01				
	MO	99			8.79E-03				
	NA	24			1.80E-02				
	NB	95			6.70E+00				
	NP	239			2.22E-03				
	PR	144			1.39E-02				
	RB	88			2.83E-03				
	RU	103			3.39E-02				
	RU	105			3.82E-04				
	SB	122			0.00E+00				
	SB	124			2.10E+01				
	SB	125			2.60E+01				
	SB	126			2.56E-01				
	SN	113			0.00E+00				
	SN	117M			0.00E+00				
	SR	89			1.18E-04				
	SR	90			1.15E-05				
	TC	99M			2.64E-03				
	TE	132			2.46E-03				
	Y	90			2.76E-04				
	ZN	65			8.56E-03				
	ZR	95			4.70E+00				

PATHWAY BOATING	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	SKIN	BONE	LIVER				
	AG 110M			7.00E+00			
	BA 140			3.52E-02			
	BE 7			0.00E+00			
	CE 141			4.22E-03			
	CE 144			2.14E-02			
	CO 57			6.84E-03			
	CO 58			1.37E+01			
	CO 60			9.99E+00			
	CR 51			1.40E-01			
	CS 134			1.92E+00			
	CS 136			1.77E-03			
	CS 137			5.17E+00			
	CS 138			1.31E-02			
	FE 55			3.67E-04			
	FE 59			2.49E-01			
	H 3			0.00E+00			
	HF 181			0.00E+00			
	I 129			1.29E-04			
	I 131			7.36E-01			
	I 132			2.16E-03			
	I 133			1.20E-02			
	LA 140			1.39E+00			
	LA 141			1.49E-03			
	MN 54			7.82E-01			
	MO 99			8.79E-03			
	NA 24			1.80E-02			
	NB 95			6.70E+00			
	NP 239			2.22E-03			
	PR 144			1.39E-02			
	RB 88			2.83E-03			
	RU 103			3.39E-02			
	RU 105			3.82E-04			
	SB 122			0.00E+00			
	SB 124			2.10E+01			
	SB 125			2.60E+01			
	SB 126			2.56E-01			
	SN 113			0.00E+00			
	SN 117M			0.00E+00			
	SR 89			1.18E-04			
	SR 90			1.15E-05			
	TC 99M			2.64E-03			
	TE 132			2.46E-03			
	Y 90			2.76E-04			
	ZN 65			8.56E-03			
	ZR 95			4.70E+00			

* * * AS LOW AS REASONABLY ACHIEVABLE * * *

C H I L D D O S E S

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		3.22E-02	3.25E-02	5.16E-03	6.85E-04	1.05E-02	3.82E-03	2.01E-02
DRINKING		4.27E-04	9.84E-04	7.60E-04	1.46E-03	7.84E-04	7.49E-04	9.08E-04
SHORELINE	1.14E-04	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05
SWIMMING		1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06
BOATING		8.77E-07	8.77E-07	8.77E-07	8.77E-07	8.77E-07	8.77E-07	8.77E-07
TOTAL	1.14E-04	3.27E-02	3.35E-02	6.02E-03	2.25E-03	1.14E-02	4.67E-03	2.11E-02

PATHWAY	USAGE (KG/YR,HR/YR)	DILUTION	TIME(HR)	SHOREWIDTH FACTOR=0.2
FISH	6.9	7.3	24.00	
DRINKING	510.0	30.8	18.60	
SHORELINE	14.0	7.3	0.00	
SWIMMING	14.0	7.3	0.00	
BOATING	14.0	7.3	0.00	

PATHWAY	INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH								
AG 110M		4.73E-05	3.17E-05	1.60E-04	0.00E+00	1.82E-04	0.00E+00	6.11E-03
BA 140		6.07E-04	5.27E-07	2.21E-04	0.00E+00	5.30E-07	2.68E-06	4.94E-04
BE 7		2.74E-09	4.63E-09	1.90E-08	0.00E+00	1.41E-08	0.00E+00	4.22E-07
CE 141		3.38E-08	1.67E-08	1.57E-08	0.00E+00	2.26E-08	0.00E+00	3.38E-05
CE 144		1.38E-05	4.30E-06	4.61E-06	0.00E+00	7.35E-06	0.00E+00	1.82E-03
CO 57		0.00E+00	2.04E-05	2.59E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-04
CO 58		0.00E+00	1.81E-02	3.49E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
CO 60		0.00E+00	1.53E-02	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
CR 51		0.00E+00	0.00E+00	7.85E-04	3.28E-03	5.83E-05	1.07E-03	1.07E-02
CS 134		8.29E+00	1.35E+01	1.79E+01	0.00E+00	1.29E+01	1.28E+01	1.18E-01
CS 136		5.16E-04	1.41E-03	5.74E-03	0.00E+00	2.31E-03	9.51E-04	8.01E-05
CS 137		9.07E+01	8.61E+01	8.00E+01	0.00E+00	8.65E+01	8.58E+01	8.73E-01
CS 138		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FE 55		1.77E-01	9.32E-02	1.82E-01	0.00E+00	0.00E+00	4.48E-01	2.79E-02
FE 59		4.93E-03	7.92E-03	2.48E-02	0.00E+00	0.00E+00	1.95E-02	1.33E-02
H 3		0.00E+00	1.09E-01	6.85E-01	5.15E+00	3.36E-01	9.25E-01	1.76E-01
HF 181		9.03E-08	3.67E-07	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I 129		4.24E-05	2.58E-05	1.45E-04	8.01E-01	1.35E-04	0.00E+00	2.10E-06
I 131		5.99E-03	5.98E-03	2.14E-02	9.37E+01	3.03E-02	0.00E+00	8.62E-04
I 132		1.14E-10	2.09E-10	6.04E-10	4.59E-07	9.85E-10	0.00E+00	3.98E-10
I 133		1.34E-05	1.64E-05	3.91E-05	1.45E-01	8.44E-05	0.00E+00	1.07E-05
LA 140		1.52E-06	5.27E-07	1.12E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-02
LA 141		3.89E-10	8.99E-11	1.23E-10	0.00E+00	0.00E+00	0.00E+00	3.24E-05
MN 54		0.00E+00	5.93E-02	9.94E-02	0.00E+00	5.12E-02	0.00E+00	8.05E-02
MO 99		0.00E+00	5.15E-05	8.02E-05	0.00E+00	3.39E-04	0.00E+00	6.89E-05
NA 24		1.18E-05	1.18E-05	7.40E-05	5.57E-04	3.63E-05	9.99E-05	1.90E-05
NB 95		8.50E-02	3.28E-02	1.48E-01	0.00E+00	9.51E-02	0.00E+00	9.83E+01
NP 239		9.70E-09	6.92E-10	3.06E-09	0.00E+00	6.16E-09	0.00E+00	8.28E-05
PR 144		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RU 103	7.34E-06	0.00E+00	1.76E-05	0.00E+00	5.65E-05	0.00E+00	3.05E-04	
RU 105	1.29E-10	0.00E+00	2.93E-10	0.00E+00	3.48E-09	0.00E+00	1.36E-07	
SB 122	4.53E-07	6.60E-09	8.22E-07	2.81E-07	0.00E+00	1.55E-06	5.72E-05	
SB 124	1.72E-03	2.21E-05	3.76E-03	1.78E-04	0.00E+00	8.04E-03	1.73E-02	
SB 125	6.40E-03	4.90E-05	8.38E-03	2.79E-04	0.00E+00	3.01E-02	2.46E-02	
SB 126	1.19E-05	1.81E-07	2.67E-05	3.28E-06	0.00E+00	4.79E-05	3.86E-04	
SN 113	2.95E-01	6.04E-03	1.06E-01	2.11E-01	0.00E+00	0.00E+00	0.00E+00	
SN 117M	3.68E-03	7.29E-05	1.77E-03	2.55E-03	0.00E+00	0.00E+00	0.00E+00	
SR 89	2.69E-02	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03	
SR 90	4.37E-01	0.00E+00	5.49E-02	0.00E+00	0.00E+00	0.00E+00	6.28E-03	
TC 99M	2.57E-10	5.01E-10	5.23E-08	0.00E+00	2.24E-08	2.16E-09	4.61E-07	
TE 132	5.39E-04	2.37E-04	1.80E-03	1.63E-02	6.78E-03	0.00E+00	3.86E-03	
Y 90	4.51E-07	0.00E+00	7.54E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-03	
ZN 65	5.70E-03	1.51E-02	5.90E-02	0.00E+00	2.93E-02	0.00E+00	4.28E-03	
ZR 95	3.18E-05	6.94E-06	3.89E-05	0.00E+00	3.06E-05	0.00E+00	1.17E-02	

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	AG 110M		2.72E-02		7.97E-03	8.26E-03	0.00E+00	1.87E-02	0.00E+00	1.03E+00
	BA 140		2.03E-01		7.72E-05	6.67E-03	0.00E+00	3.16E-05	6.05E-05	4.84E-02
	BE 7		1.82E-06		1.34E-06	1.14E-06	0.00E+00	1.67E-06	0.00E+00	8.19E-05
	CE 141		4.50E-05		9.72E-06	1.87E-06	0.00E+00	5.35E-06	0.00E+00	1.32E-02
	CE 144		1.83E-02		2.49E-03	5.49E-04	0.00E+00	1.73E-03	0.00E+00	7.03E-01
	CO 57		0.00E+00		2.35E-04	6.17E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-03
	CO 58		0.00E+00		2.10E-01	8.32E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+00
	CO 60		0.00E+00		1.77E-01	6.75E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+00
	CR 51		0.00E+00		0.00E+00	4.70E-04	1.36E-04	6.90E-05	4.83E-04	2.08E-02
	CS 134		5.48E+00		3.90E+00	1.07E+00	0.00E+00	1.52E+00	5.70E-01	2.28E-02
	CS 136		3.46E-04		4.12E-04	3.45E-04	0.00E+00	2.75E-04	4.30E-05	1.57E-05
	CS 137		6.00E+01		2.49E+01	4.76E+00	0.00E+00	1.02E+01	3.83E+00	1.69E-01
	CS 138		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55		2.34E+00		5.38E-01	2.16E-01	0.00E+00	0.00E+00	4.00E-01	1.08E-01
	FE 59		6.54E-02		4.59E-02	2.96E-02	0.00E+00	0.00E+00	1.75E-02	5.18E-02
	H 3		0.00E+00		6.99E+01	9.05E+01	4.71E+01	8.77E+01	9.18E+01	7.57E+01
	HF 181		3.63E-05		6.44E-05	9.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129		3.74E-03		9.95E-04	1.15E-03	4.39E-01	2.11E-03	0.00E+00	5.43E-05
	I 131		5.39E-01		2.35E-01	1.73E-01	5.24E+01	4.84E-01	0.00E+00	2.27E-02
	I 132		5.13E-08		4.09E-08	2.44E-08	1.28E-06	7.86E-08	0.00E+00	5.22E-08
	I 133		1.41E-03		7.58E-04	3.71E-04	9.49E-02	1.59E-03	0.00E+00	3.31E-04
	LA 140		8.82E-05		1.34E-05	5.84E-06	0.00E+00	0.00E+00	0.00E+00	4.04E-01
	LA 141		5.32E-08		5.38E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	1.30E-03
	MN 54		0.00E+00		8.57E-02	2.96E-02	0.00E+00	3.02E-02	0.00E+00	7.80E-02
	MO 99		0.00E+00		3.15E-03	1.01E-03	0.00E+00	8.44E-03	0.00E+00	2.82E-03
	NA 24		2.01E-04		8.71E-05	1.13E-04	5.87E-05	1.09E-04	1.14E-04	9.45E-05
	NB 95		3.76E-03		6.35E-04	5.88E-04	0.00E+00	7.50E-04	0.00E+00	1.27E+00
	NP 239		1.37E-06		4.27E-08	3.89E-08	0.00E+00	1.55E-07	0.00E+00	3.43E-03
	PR 144		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103		9.75E-04		0.00E+00	2.10E-04	0.00E+00	1.34E-03	0.00E+00	1.18E-02
	RU 105		3.98E-08		0.00E+00	8.11E-09	0.00E+00	1.90E-07	0.00E+00	1.22E-05
	SB 122		6.34E-04		4.04E-06	1.04E-04	2.45E-06	0.00E+00	1.47E-04	2.35E-02
	SB 124		2.28E+00		1.28E-02	4.48E-01	1.47E-03	0.00E+00	7.20E-01	6.70E+00
	SB 125		8.47E+00		2.83E-02	9.97E-01	2.29E-03	0.00E+00	2.69E+00	9.51E+00
	SB 126		1.59E-02		1.06E-04	3.22E-03	2.73E-05	0.00E+00	4.34E-03	1.51E-01
	SN 113		1.30E-01		1.16E-03	4.19E-03	5.79E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M		1.64E-03		1.42E-05	7.10E-05	7.06E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89		1.19E+00		0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00	2.16E-02
	SR 90		1.93E+01		0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	8.10E-02
	TC 99M		4.23E-08		3.59E-08	7.72E-07	0.00E+00	6.56E-07	2.40E-08	2.22E-05
	TE 132		1.87E-03		3.59E-04	5.62E-04	3.52E-04	4.18E-03	0.00E+00	3.92E-03
	Y 90		2.53E-05		0.00E+00	3.80E-07	0.00E+00	0.00E+00	0.00E+00	3.39E-02
	ZN 65		3.77E-03		4.36E-03	3.51E-03	0.00E+00	3.45E-03	0.00E+00	8.30E-04
	ZR 95		1.28E-02		1.22E-03	1.40E-03	0.00E+00	2.19E-03	0.00E+00	1.38E+00

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SHORELINE	AG 10M		2.31E+00			2.29E+00				
	BA 140		6.80E-04			6.87E-04				
	BE 7		0.00E+00			0.00E+00				
	CE 141		2.01E-04			2.06E-04				
	CE 144		8.05E-03			8.04E-03				
	CO 57		2.59E-03			2.73E-03				
	CO 58		1.37E+00			1.35E+00				
	CO 60		2.38E+01			2.34E+01				
	CR 51		5.98E-03			5.84E-03				
	CS 134		2.13E+00			2.11E+00				
	CS 136		2.96E-05			3.02E-05				
	CS 137		3.16E+01			3.13E+01				
	CS 138		5.41E-07			5.46E-07				
	FE 55		0.00E+00			0.00E+00				
	FE 59		1.46E-02			1.43E-02				
	H 3		0.00E+00			0.00E+00				
	HF 181		0.00E+00			0.00E+00				
	I 129		8.86E-03			6.14E-03				
	I 131		7.94E-03			7.55E-03				
	I 132		2.90E-07			2.85E-07				
	I 133		1.50E-05			1.43E-05				
	LA 140		2.98E-03			3.03E-03				
	LA 141		4.12E-07			4.25E-07				
	MN 54		3.41E-01			3.36E-01				
	MO 99		3.48E-05			3.47E-05				
	NA 24		1.29E-05			1.28E-05				
	NB 95		3.11E-01			3.05E-01				
	NP 239		7.38E-06			7.36E-06				
	PR 144		2.11E-07			2.12E-07				
	RB 88		3.60E-08			3.64E-08				
	RU 103		1.94E-03			1.92E-03				
	RU 105		9.22E-08			9.40E-08				
	SB 122		0.00E+00			0.00E+00				
	SB 124		1.63E+00			1.63E+00				
	SB 125		3.61E+01			3.69E+01				
	SB 126		4.07E-03			4.19E-03				
	SN 113		0.00E+00			0.00E+00				
	SN 117M		0.00E+00			0.00E+00				
	SR 89		2.59E-07			2.57E-07				
	SR 90		0.00E+00			0.00E+00				
	TC 99M		9.34E-07			9.41E-07				
	TE 132		1.24E-05			1.21E-05				
	Y 90		4.54E-08			4.44E-08				
	ZN 65		2.68E-03			2.70E-03				
	ZR 95		3.59E-01			3.57E-01				

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-TLI
SWIMMING	AG 110M					7.00E+00				
	BA 140					3.52E-02				
	BE 7					0.00E+00				
	CE 141					4.22E-03				
	CE 144					2.14E-02				
	CO 57					6.84E-03				
	CC 58					1.37E+01				
	CO 60					9.99E+00				
	CR 51					1.40E-01				
	CS 134					1.92E+00				
	CS 136					1.77E-03				
	CS 137					5.17E+00				
	CS 138					1.31E-02				
	FE 55					3.67E-04				
	FE 59					2.49E-01				
	H 3					0.00E+00				
	HF 181					0.00E+00				
	I 129					1.29E-04				
	I 131					7.36E-01				
	I 132					2.16E-03				
	I 133					1.20E-02				
	LA 140					1.39E+00				
	LA 141					1.49E-03				
	MN 54					7.82E-01				
	MO 99					8.79E-03				
	NA 24					1.80E-02				
	NB 95					6.70E+00				
	NP 239					2.22E-03				
	PR 144					1.39E-02				
	RB 88					2.83E-03				
	RU 103					3.39E-02				
	RU 105					3.82E-04				
	SB 122					0.00E+00				
	SB 124					2.10E+01				
	SB 125					2.50E+01				
	SB 126					2.50E-01				
	SN 113					0.00E+00				
	SN 117M					0.00E+00				
	SR 89					1.18E-04				
	SR 90					1.15E-05				
	TC 99M					2.64E-03				
	TE 132					2.46E-03				
	Y 90					2.76E-04				
	ZN 65					2.50E-03				
	ZR 95					4.70E+00				

PATHWAY	IND	DUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
BOATING		SKIN	BONE	LIVER				
	AG	110M			7.00E+00			
	BA	140			3.52E-02			
	BE	7			0.00E+00			
	CE	141			4.22E-03			
	CE	144			2.14E-02			
	CO	57			6.84E-03			
	CO	58			1.37E+01			
	CO	60			9.99E+00			
	CR	51			1.40E-01			
	CS	134			1.92E+00			
	CS	136			1.77E-03			
	CS	137			5.17E+00			
	CS	138			1.31E-02			
	FE	55			3.67E-04			
	FE	59			2.49E-01			
	H	3			0.00E+00			
	HF	181			0.00E+00			
	I	129			1.29E-04			
	I	131			7.36E-01			
	I	132			2.16E-03			
	I	133			1.20E-02			
	I	140			1.39E+00			
	LA	141			1.49E-03			
	MN	54			7.82E-01			
	MO	99			8.79E-03			
	NA	24			1.80E-02			
	NB	95			6.70E+00			
	NP	239			2.22E-03			
	PP	14			1.39E-02			
		88			2.83E-03			
		103			3.39E-02			
	RU	105			3.82E-04			
	SB	122			0.00E+00			
	SB	124			2.10E+01			
	SB	125			2.60E+01			
	SB	126			2.56E-01			
	SN	113			0.00E+00			
	SN	117M			0.00E+00			
	SR	89			1.18E-04			
	SR	90			1.15E-05			
	TC	99M			2.64E-03			
	TE	132			2.46E-03			
	Y	90			2.76E-04			
	ZN	65			8.56E-03			
	ZR	95			4.70E+00			

* * * AS LOW AS REASONABLY ACHIEVABLE * * *

I N F A N T D O S E S

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DRINKING		4.20E-04	1.05E-03	7.31E-04	1.89E-03	7.75E-04	7.47E-04	8.09E-04
SHORELINE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TOTAL	0.00E+00	4.20E-04	1.05E-03	7.31E-04	1.89E-03	7.75E-04	7.47E-04	8.09E-04

	USAGE (KG/YR,HR/YR)	DILUTION	TIME (HR)	SHOREWIDTH FACTOR=0.2
FISH	0.0	7.3	24.00	
DRINKING	330.0	30.8	18.60	

PATHWAY	INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING								
AG 110M		3.31E-02	9.70E-03	9.18E-03	0.00E+00	1.87E-02	0.00E+00	6.50E-01
BA 140		2.75E-01	1.10E-04	8.14E-03	0.00E+00	3.54E-05	9.50E-05	3.51E-02
BE 7		2.30E-06	1.93E-06	1.49E-06	0.00E+00	1.85E-06	0.00E+00	5.89E-05
CE 141		5.87E-05	1.44E-05	2.42E-06	0.00E+00	5.98E-06	0.00E+00	9.58E-03
CE 144		1.73E-02	2.83E-03	5.55E-04	0.00E+00	1.55E-03	0.00E+00	5.14E-01
CO 57		0.00E+00	3.34E-04	7.78E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-03
CO 58		0.00E+00	2.55E-01	9.12E-01	0.00E+00	0.00E+00	0.00E+00	8.22E-01
CO 60		0.00E+00	2.20E-01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-01
CR 51		0.00E+00	0.00E+00	5.00E-04	1.26E-04	6.73E-05	6.21E-04	1.32E-02
CS 134		5.81E+00	4.35E+00	6.29E-01	0.00E+00	1.51E+00	6.43E-01	1.53E-02
CS 136		4.44E-04	5.24E-04	2.80E-04	0.00E+00	2.82E-04	5.98E-05	1.03E-05
CS 137		5.50E+01	2.96E+01	3.00E+00	0.00E+00	1.07E+01	4.50E+00	1.20E-01
CS 138		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FE 55		1.86E+00	4.83E-01	1.85E-01	0.00E+00	0.55E+00	3.30E-01	7.92E-02
FE 59		8.04E-02	5.63E-02	3.18E-02	0.00E+00	0.00E+00	2.33E-02	3.48E-02
H 3		0.00E+00	6.45E+01	9.24E+01	3.57E+01	8.71E+01	9.04E+01	8.34E+01
HF 181		4.66E-05	9.40E-05	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I 129		5.07E-03	1.51E-03	1.58E-03	5.35E-01	2.41E-03	0.00E+00	3.89E-05
I 131		7.40E-01	3.50E-01	2.20E-01	6.36E+01	5.52E-01	0.00E+00	1.61E-02
I 132		7.91E-08	5.71E-08	2.91E-08	1.48E-06	8.60E-08	0.00E+00	5.98E-08
I 133		1.96E-03	1.15E-03	4.81E-04	1.15E-01	1.82E-03	0.00E+00	2.51E-04
LA 140		1.21E-04	1.92E-05	7.06E-06	0.00E+00	0.00E+00	0.00E+00	2.91E-01
LA 141		7.44E-08	8.66E-09	2.16E-09	0.00E+00	0.00E+00	0.00E+00	1.28E-03
MN 54		0.00E+00	9.70E-02	3.15E-02	0.00E+00	2.90E-02	0.00E+00	4.61E-02
MO 99		0.00E+00	4.90E-03	1.37E-03	0.00E+00	9.88E-03	0.00E+00	2.09E-03
NA 24		2.30E-04	9.24E-05	1.32E-04	5.11E-05	1.25E-04	1.29E-04	1.19E-04
NB 95		4.62E-03	7.64E-04	6.32E-04	0.00E+00	7.39E-04	0.00E+00	8.33E-01
NP 239		1.91E-06	6.85E-08	5.54E-08	0.00E+00	1.34E-07	0.00E+00	2.56E-03
PR 144		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RB 88		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
RU 103		1.30E-03	0.00E+00	2.49E-04	0.00E+00	1.46E-03	0.00E+00	8.19E-03
RU 105		5.52E-08	0.00E+00	1.07E-08	0.00E+00	2.20E-07	0.00E+00	1.14E-05

* * * PATHWAY	INDIVIDUAL ISOTOPE SKIN	PERCENT CONTRIBUTION BONE	LIVER	* * * TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING (CONTINUED)								
	SB 122	8.83E-04	6.49E-06	1.48E-04	3.04E-06	0.00E+00	2.59E-04	1.72E-02
	SB 124	2.89E+00	1.71E-02	5.14E-01	1.70E-03	0.00E+00	1.02E+00	4.62E+00
	SB 125	9.57E+00	3.72E-02	1.13E+00	2.66E-03	0.00E+00	3.11E+00	6.62E+00
	SB 126	1.92E-02	1.51E-04	3.99E-03	3.28E-05	0.00E+00	6.79E-03	1.03E-01
	SN 113	1.62E-01	1.68E-03	5.66E-03	6.47E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.24E-03	2.22E-05	9.94E-05	8.58E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.49E+00	0.00E+00	2.45E-02	0.00E+00	0.00E+00	0.00E+00	1.58E-02
	SR 90	1.40E+01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-02
	TC 99M	5.79E-08	4.79E-08	8.83E-07	0.00E+00	6.96E-07	3.50E-08	1.80E-05
	TE 132	2.53E-03	5.03E-04	6.72E-04	4.11E-04	4.25E-03	0.00E+00	2.41E-03
	Y 90	3.52E-05	0.00E+00	5.42E-07	0.00E+00	0.00E+00	0.00E+00	2.52E-02
	ZN 65	3.33E-03	4.59E-03	3.03E-03	0.00E+00	3.00E-03	0.00E+00	5.01E-03
	ZR 95	1.49E-02	1.46E-03	1.48E-03	0.00E+00	2.12E-03	0.00E+00	9.39E-01

* * * SELECTED LOCATION * * *

LOCATION IS SITE DISCHG.

A D U L T D O S E S

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		1.76E-01	2.55E-01	1.73E-01	5.44E-03	8.62E-02	2.90E-02	5.76E-01
DRINKING		4.97E-03	2.03E-02	1.90E-02	2.78E-02	1.72E-02	1.66E-02	2.72E-02
SHORELINE	7.13E-04	6.17E-04	6.17E-04	6.17E-04	6.17E-04	6.17E-04	6.17E-04	6.17E-04
SWIMMING		1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05	1.10E-05
BOATING		5.48E-06	5.48E-06	5.48E-06	5.48E-06	5.48E-06	5.48E-06	5.48E-06
TOTAL	7.13E-04	1.82E-01	2.76E-01	1.93E-01	3.39E-02	1.04E-01	4.62E-02	6.04E-01

	USAGE (KG/YR,HR/YR)	DIL	TIME (HR)	SHOREWIDTH FACTOR=0.2
FISH	21.0	1.0	24.00	
DRINKING	730.0	1.0	12.00	
SHORELINE	12.0	1.0	0.00	
SWIMMING	12.0	1.0	0.00	
BOATING	12.0	1.0	0.00	

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *								
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH								
AG 110M		5.71E-05	3.65E-05	3.19E-05	0.00E+00	2.12E-04	0.00E+00	6.59E-03
BA 140		6.03E-04	5.23E-07	4.02E-05	0.00E+00	5.26E-07	2.64E-06	3.80E-04
BE 7		2.61E-09	4.09E-09	2.96E-09	0.00E+00	1.28E-08	0.00E+00	3.15E-07
CE 141		3.24E-08	1.51E-08	2.53E-09	0.00E+00	2.08E-08	0.00E+00	2.56E-05
CE 144		1.32E-05	3.81E-06	7.20E-07	0.00E+00	6.68E-06	0.00E+00	1.36E-03
CO 57		0.00E+00	2.04E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	2.29E-04
CO 58		0.00E+00	2.12E-02	6.99E-02	0.00E+00	0.00E+00	0.00E+00	1.90E-01
CO 60		0.00E+00	1.75E-02	5.68E-02	0.00E+00	0.00E+00	0.00E+00	1.45E-01
CR 51		0.00E+00	0.00E+00	1.55E-04	2.95E-03	6.87E-05	1.23E-03	1.17E-02
CS 134		8.96E+00	1.47E+01	1.77E+01	0.00E+00	1.41E+01	1.39E+01	1.14E-01
CS 136		5.82E-04	1.59E-03	1.68E-03	0.00E+00	2.61E-03	1.06E-03	7.97E-05
CS 137		8.98E+01	8.48E+01	8.18E+01	0.00E+00	8.52E+01	8.42E+01	7.27E-01
CS 138		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FE 55		1.72E-01	8.21E-02	2.82E-02	0.00E+00	0.00E+00	4.03E-01	2.08E-02
FE 59		5.27E-03	8.56E-03	4.83E-03	0.00E+00	0.00E+00	2.10E-02	1.26E-02
H 3		0.00E+00	1.59E-01	2.34E-01	7.45E+00	4.70E-01	1.40E+00	7.03E-02
HF 181		8.59E-08	3.23E-07	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
I 129		4.06E-05	2.41E-05	1.16E-04	2.90E+00	1.53E-04	0.00E+00	1.68E-06
I 131		5.89E-03	5.82E-03	4.91E-03	8.94E+01	2.95E-02	0.00E+00	6.79E-04
I 132		1.18E-10	2.18E-10	1.12E-10	3.58E-07	1.03E-09	0.00E+00	1.81E-11
I 133		1.31E-05	1.57E-05	7.04E-06	1.08E-01	8.10E-05	0.00E+00	6.24E-06
LA 140		1.53E-06	5.32E-07	2.07E-07	0.00E+00	0.00E+00	0.00E+00	1.73E-02
LA 141		3.71E-10	7.95E-11	1.91E-11	0.00E+00	0.00E+00	0.00E+00	4.19E-06
MN 54		0.00E+00	7.16E-02	2.01E-02	0.00E+00	6.30E-02	0.00E+00	9.71E-02
MO 99		0.00E+00	4.72E-05	1.32E-05	0.00E+00	3.16E-04	0.00E+00	4.84E-05
NA 24		1.41E-05	9.75E-06	1.43E-05	4.57E-04	2.88E-05	8.58E-05	4.31E-06

PATHWAY	ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH (CONTINUED)										
NB	95		9.55E-02	3.67E-02	2.90E-02	0.00E+00	1.07E-01	0.00E+00	9.85E+01	
NP	239		8.94E-09	6.07E-10	4.93E-10	0.00E+00	5.60E-09	0.00E+00	5.51E-05	
PR	144		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
RB	88		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
RU	103		7.55E-06	0.00E+00	3.31E-06	0.00E+00	5.89E-05	0.00E+00	2.69E-04	
RU	105		1.26E-10	0.00E+00	5.04E-11	0.00E+00	3.31E-09	0.00E+00	2.35E-08	
SB	122		4.31E-07	5.84E-09	1.28E-07	1.96E-07	0.00E+00	1.36E-06	3.86E-05	
SB	124		1.76E-03	2.30E-05	7.10E-04	1.38E-04	0.00E+00	8.33E-03	1.53E-02	
SB	125		6.51E-03	5.02E-05	1.57E-03	2.14E-04	0.00E+00	3.05E-02	2.19E-02	
SB	126		1.27E-05	1.78E-07	4.64E-06	2.51E-06	0.00E+00	4.71E-05	3.16E-04	
SN	113		2.80E-01	5.34E-03	1.63E-02	1.48E-01	0.00E+00	0.00E+00	0.00E+00	
SN	117M		3.51E-03	6.41E-05	2.74E-04	1.78E-03	0.00E+00	0.00E+00	0.00E+00	
SR	89		2.55E-02	0.00E+00	7.43E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-03	
SR	90		6.04E-01	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	4.64E-03	
TC	99M		2.80E-10	5.47E-10	1.02E-08	0.00E+00	2.45E-08	0.00E+00	1.43E-07	
TE	132		5.47E-04	2.44E-04	3.37E-04	1.26E-02	6.96E-03	0.00E+00	5.11E-03	
Y	90		4.29E-07	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	1.39E-03	
ZN	65		8.19E-03	1.80E-02	1.20E-02	0.00E+00	3.56E-02	0.00E+00	5.01E-03	
ZR	95		3.39E-05	7.50E-06	7.47E-06	0.00E+00	3.48E-05	0.00E+00	1.05E-02	

PATHWAY	INDIVIDUAL	ISOTOPE	PERCENT	CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	SKIN	BONE	LIVER						
	AG 110M	3.06E-02	6.94E-03	4.40E-03	0.00E+00	1.61E-02	0.00E+00	2.11E+00	
	BA 140	1.91E-01	5.48E-05	3.27E-03	0.00E+00	2.35E-05	4.11E-05	7.19E-02	
	BE 7	1.62E-06	8.99E-07	4.71E-07	0.00E+00	1.12E-06	0.00E+00	1.17E-04	
	CE 141	4.04E-05	6.59E-06	8.09E-07	0.00E+00	3.66E-06	0.00E+00	1.91E-02	
	CE 144	1.63E-02	1.67E-03	2.28E-04	0.00E+00	1.16E-03	0.00E+00	1.01E+00	
	CO 57	0.00E+00	1.79E-04	3.17E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-03	
	CO 58	0.00E+00	1.86E-01	4.45E-01	0.00E+00	0.00E+00	0.00E+00	2.82E+00	
	CG 60	0.00E+00	1.53E-01	3.60E-01	0.00E+00	0.00E+00	0.00E+00	2.14E+00	
	CR 51	0.00E+00	0.00E+00	2.49E-04	1.02E-04	6.06E-05	3.79E-04	4.38E-02	
	CS 134	5.52E+00	3.22E+00	2.81E+00	0.00E+00	1.23E+00	4.23E-01	4.20E-02	
	CS 136	3.68E-04	3.56E-04	2.73E-04	0.00E+00	2.33E-04	3.32E-05	3.02E-05	
	CS 137	5.53E+01	1.85E+01	1.30E+01	0.00E+00	7.41E+00	2.56E+00	2.68E-01	
	CS 138	4.65E-12	2.25E-12	1.19E-12	0.00E+00	1.95E-12	2.00E-13	7.16E-18	
	FE 55	2.12E+00	3.59E-01	8.92E-02	0.00E+00	0.00E+00	2.45E-01	1.54E-01	
	FE 59	6.54E-02	3.77E-02	1.54E-02	0.00E+00	0.00E+00	1.29E-02	9.37E-02	
	H 3	0.00E+00	7.72E+01	8.23E+01	5.63E+01	9.09E+01	9.44E+01	5.76E+01	
	HF 181	3.27E-05	4.31E-05	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	I 129	3.33E-03	7.02E-04	2.45E-03	1.32E+00	1.78E-03	0.00E+00	8.27E-05	
	I 131	5.05E-01	1.77E-01	1.08E-01	4.23E+01	3.58E-01	0.00E+00	3.49E-02	
	I 132	3.60E-07	2.36E-07	8.82E-08	6.03E-06	4.43E-07	0.00E+00	3.31E-08	
	I 133	1.60E-03	6.82E-04	2.22E-04	7.30E-02	1.40E-03	0.00E+00	4.57E-04	
	LA 140	9.26E-05	1.14E-05	3.22E-06	0.00E+00	0.00E+00	0.00E+00	6.26E-01	
	LA 141	1.51E-07	1.15E-08	2.00E-09	0.00E+00	0.00E+00	0.00E+00	1.02E-03	
	MN 54	0.00E+00	7.83E-02	1.59E-02	0.00E+00	2.75E-02	0.00E+00	1.79E-01	
	MO 99	0.00E+00	2.34E-03	4.75E-04	0.00E+00	6.24E-03	0.00E+00	4.05E-03	
	NA 24	3.02E-04	7.41E-05	7.90E-05	5.40E-05	8.73E-05	9.06E-05	5.53E-05	
	NB 95	3.96E-03	5.40E-04	3.09E-04	0.00E+00	6.29E-04	0.00E+00	2.44E+00	
	NP 239	1.28E-06	3.07E-08	1.81E-08	0.00E+00	1.13E-07	0.00E+00	4.70E-03	
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RU 103	9.38E-04	0.00E+00	1.06E-04	0.00E+00	1.03E-03	0.00E+00	2.00E-02	
	RU 105	1.01E-07	0.00E+00	1.04E-08	0.00E+00	3.76E-07	0.00E+00	1.13E-05	
	SB 122	6.04E-04	2.90E-06	4.60E-05	1.52E-06	0.00E+00	9.41E-05	3.23E-02	
	SB 124	2.18E+00	1.01E-02	2.26E-01	9.46E-04	0.00E+00	5.09E-01	1.13E+01	
	SB 125	8.02E+00	2.20E-02	4.99E-01	1.46E-03	0.00E+00	1.85E+00	1.61E+01	
	SB 126	1.60E-02	7.99E-05	1.51E-03	1.75E-05	0.00E+00	2.94E-03	2.40E-01	
	SN 113	1.15E-01	7.80E-04	1.73E-03	3.36E-04	0.00E+00	0.00E+00	0.00E+00	
	SN 117M	1.48E-03	9.58E-06	2.96E-05	4.14E-06	0.00E+00	0.00E+00	0.00E+00	
	SR 89	1.05E+00	0.00E+00	7.90E-03	0.00E+00	0.00E+00	0.00E+00	3.09E-02	
	SR 90	2.48E+01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	1.14E-01	
	TC 99M	9.16E-08	6.34E-08	8.62E-07	0.00E+00	1.14E-06	3.80E-08	2.80E-05	
	TE 132	1.87E-03	2.97E-04	2.97E-04	2.39E-04	3.37E-03	0.00E+00	1.05E-02	
	Y 90	2.41E-05	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00	4.67E-02	
	ZN 65	5.05E-03	3.94E-03	1.90E-03	0.00E+00	3.10E-03	0.00E+00	1.85E-03	
	ZR 95	1.27E-02	9.99E-04	7.21E-04	0.00E+00	1.85E-03	0.00E+00	2.36E+00	

PATHWAY SHORELINE	INDIVIDUAL ISOTOPE SKIN	PERCENT CONTRIBUTION BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-ILI
	AG 110M	2.31E+00		2.29E+00				
	BA 140	6.80E-04		6.87E-04				
	BE 7	0.00E+00		0.00E+00				
	CE 141	2.01E-04		2.06E-04				
	CE 144	8.05E-03		8.04E-03				
	CO 57	2.59E-03		2.73E-03				
	CO 58	1.37E+00		1.35E+00				
	CO 60	2.38E+01		2.34E+01				
	CR 51	5.98E-03		5.84E-03				
	CS 134	2.13E+00		2.11E+00				
	CS 136	2.96E-05		3.02E-05				
	CS 137	3.16E+01		3.13E+01				
	CS 138	5.41E-07		5.46E-07				
	FE 55	0.00E+00		0.00E+00				
	FE 59	1.46E-02		1.43E-02				
	H 3	0.00E+00		0.00E+00				
	HF 181	0.00E+00		0.00E+00				
	I 129	8.86E-03		6.14E-03				
	I 131	7.94E-03		7.55E-03				
	I 132	2.90E-07		2.85E-07				
	I 133	1.50E-05		1.43E-05				
	LA 140	2.98E-03		3.03E-03				
	LA 141	4.12E-07		4.25E-07				
	MN 54	3.41E-01		3.36E-01				
	MO 99	3.48E-05		3.47E-05				
	NA 24	1.29E-05		1.28E-05				
	NB 95	3.11E-01		3.05E-01				
	NP 239	7.38E-06		7.36E-06				
	PR 144	2.11E-07		2.12E-07				
	RB 88	3.60E-08		3.64E-08				
	RU 103	1.94E-03		1.92E-03				
	RU 105	9.22E-08		9.40E-08				
	SB 122	0.00E+00		0.00E+00				
	SB 124	1.63E+00		1.63E+00				
	SB 125	3.61E+01		3.69E+01				
	SB 126	4.07E-03		4.19E-03				
	SN 113	0.00E+00		0.00E+00				
	SN 117M	0.00E+00		0.00E+00				
	SR 89	2.59E-07		2.57E-07				
	SR 90	0.00E+00		0.00E+00				
	TC 99M	9.34E-07		9.41E-07				
	TE 132	1.24E-05		1.21E-05				
	Y 90	4.54E-08		4.44E-08				
	ZN 65	2.68E-03		2.70E-03				
	ZR 95	3.59E-01		3.57E-01				

PATHWAY	INDIVIDUAL	ISOTOPE	PERCENT	CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SWIMMING	SKIN		BONE	LIVER					
	AG	110M			7.00E+00				
	BA	140			3.52E-02				
	BE	7			0.00E+00				
	CE	141			4.22E-03				
	CE	144			2.14E-02				
	CC	57			6.84E-03				
	CO	58			1.37E+01				
	CO	60			9.99E+00				
	CR	51			1.40E-01				
	CS	134			1.92E+00				
	CS	136			1.77E-03				
	CS	137			5.17E+00				
	CS	138			1.31E-02				
	FE	55			3.67E-04				
	FE	59			2.49E-01				
	H	3			0.00E+00				
	HF	181			0.00E+00				
	I	129			1.29E-04				
	I	131			7.36E-01				
	I	132			2.16E-03				
	I	133			1.20E-02				
	LA	140			1.39E+00				
	LP	141			1.49E-03				
	MN	54			7.82E-01				
	MO	99			8.79E-03				
	NA	24			1.80E-02				
	NB	95			6.70E+00				
	NP	239			2.22E-03				
	FR	144			1.39E-02				
	RB	88			2.83E-03				
	RU	103			3.39E-02				
	RU	105			3.82E-04				
	SB	122			0.00E+00				
	SB	124			2.10E+01				
	SB	125			2.60E+01				
	SB	126			2.56E-01				
	SN	113			0.00E+00				
	SN	117M			0.00E+00				
	SR	89			1.18E-04				
	SR	90			1.15E-05				
	TC	99M			2.64E-03				
	TE	132			2.46E-03				
	Y	90			2.76E-04				
	ZN	65			8.56E-03				
	ZR	95			4.70E+00				

PATHWAY BOATING	INDIVIDUAL SFYN	ISOTOPE	PERCENT BONE	CONTRIBUTION LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	AG	110M			7.00E+00				
	BA	140			3.52E-02				
	BE	7			0.00E+00				
	CE	141			4.22E-03				
	CE	144			2.14E-02				
	CO	57			6.84E-03				
	CO	58			1.37E+01				
	CO	60			9.99E+00				
	CR	51			1.40E-01				
	CS	134			1.92E+00				
	CS	136			1.77E-03				
	CS	137			5.17E+00				
	CS	138			1.31E-02				
	FE	55			3.67E-04				
	FE	59			2.49E-01				
	H	3			0.00E+00				
	HF	181			0.00E+00				
	I	129			1.29E-04				
	I	131			7.36E-01				
	I	132			2.16E-03				
	I	133			1.20E-02				
	LA	140			1.39E+00				
	LA	141			1.49E-03				
	MN	54			7.82E-01				
	MO	99			8.79E-03				
	NA	24			1.80E-02				
	NB	95			6.70E+00				
	NP	239			2.22E-03				
	PR	144			1.39E-02				
	RB	88			2.93E-03				
	RU	103			3.39E-02				
	RU	105			3.82E-04				
	SB	122			0.00E+00				
	SB	124			2.10E+01				
	SB	125			2.60E+01				
	SB	126			2.56E-01				
	SN	113			0.00E+00				
	SN	117M			0.00E+00				
	SR	89			1.18E-04				
	SR	90			1.15E-05				
	TC	99M			2.64E-03				
	TE	132			2.46E-03				
	Y	90			2.76E-04				
	ZN	65			8.56E-03				
	ZR	95			4.70E+00				

* * * SELECTED LOCATION * * *

LOCATION IS SITE DISCHG.

TEENAGER DOSES

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		1.88E-01	2.64E-01	9.69E-02	4.95E-03	8.93E-02	3.49E-02	4.08E-01
DRINKING		4.66E-03	1.54E-02	1.29E-02	2.13E-02	1.25E-02	1.21E-02	1.88E-02
SHORELINE	3.98E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03	3.45E-03
SWIMMING		6.12E-05	6.12E-05	6.12E-05	6.12E-05	6.12E-05	6.12E-05	6.12E-05
BOATING		3.06E-05	3.06E-05	3.06E-05	3.06E-05	3.06E-05	3.06E-05	3.06E-05
TOTAL	3.98E-03	1.96E-01	2.83E-01	1.13E-01	2.98E-02	1.05E-01	5.05E-02	4.30E-01

PATHWAY	USAGE (KG/YR, Hr/YR)	DILUTION	TIME (HR)	SHOREWIDTH FACTOR=0.2
FISH	16.0	1.0	24.00	
DRINKING	510.0	1.0	12.00	
SHORELINE	67.0	1.0	0.00	
SWIMMING	67.0	1.0	0.00	
BOATING	67.0	1.0	0.00	

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH								
	AG 110M	5.23E-05	3.51E-05	5.83E-05	0.00E+00	1.98E-04	0.00E+00	6.40E-03
	BA 140	6.03E-04	5.25E-07	7.53E-05	0.00E+00	5.27E-07	2.67E-06	4.28E-04
	BE 7	2.67E-09	4.25E-09	5.74E-09	0.00E+00	1.34E-08	0.00E+00	3.39E-07
	CE 141	3.30E-08	1.56E-08	4.89E-09	0.00E+00	2.18E-08	0.00E+00	2.89E-05
	CE 144	1.35E-05	3.95E-06	1.40E-06	0.00E+00	6.99E-06	0.00E+00	1.56E-03
	CO 57	0.00E+00	2.04E-05	9.34E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-04
	CO 58	0.00E+00	2.03E-02	1.28E-01	0.00E+00	0.00E+00	0.00E+00	1.82E-01
	CO 60	0.00E+00	1.69E-02	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.42E-01
	CR 51	0.00E+00	0.00E+00	2.86E-04	3.11E-03	6.81E-05	1.14E-03	1.14E-02
	CS 134	8.62E+00	1.44E+01	1.82E+01	0.00E+00	1.35E+01	1.32E+01	1.16E-01
	CS 136	5.49E-04	1.53E-03	2.81E-03	0.00E+00	2.47E-03	9.96E-04	7.99E-05
	CS 137	9.03E+01	8.52E+01	8.10E+01	0.00E+00	8.59E+01	8.54E+01	7.86E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.69E-01	8.51E-02	5.41E-02	0.00E+00	0.00E+00	4.09E-01	2.39E-02
	FE 59	5.10E-03	8.44E-03	8.89E-03	0.00E+00	0.00E+00	2.02E-02	1.29E-02
	H 3	0.00E+00	1.18E-01	3.21E-01	6.29E+00	3.49E-01	8.93E-01	7.63E-02
	HF 181	8.78E-08	3.37E-07	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.14E-05	2.47E-05	1.12E-04	1.61E+00	1.31E-04	0.00E+00	1.87E-06
	I 131	5.92E-03	5.89E-03	8.63E-03	9.18E+01	3.00E-02	0.00E+00	7.54E-04
	I 132	1.16E-10	2.15E-10	2.11E-10	3.88E-07	1.00E-09	0.00E+00	6.08E-11
	I 133	1.32E-05	1.59E-05	1.32E-05	1.19E-01	8.26E-05	0.00E+00	7.80E-06
	LA 140	1.52E-06	5.30E-07	3.85E-07	0.00E+00	0.00E+00	0.00E+00	1.97E-02
	LA 141	3.78E-10	8.26E-11	3.72E-11	0.00E+00	0.00E+00	0.00E+00	9.48E-06
	MN 54	0.00E+00	6.79E-02	3.68E-02	0.00E+00	6.00E-02	0.00E+00	9.03E-02
	MO 99	0.00E+00	4.85E-05	2.52E-05	0.00E+00	3.29E-04	0.00E+00	5.63E-05
	NA 24	1.37E-05	9.69E-06	2.64E-05	5.18E-04	2.87E-05	7.35E-05	6.28E-06
	NB 95	9.03E-02	3.55E-02	5.34E-02	0.00E+00	1.02E-01	0.00E+00	9.85E-01

PATHWAY	ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH (CONTINUED)										
	NP 239		9.46E-09		6.33E-10	9.59E-10	0.00E+00	5.88E-09	0.00E+00	6.60E-05
	PR 144		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88		0.00E+00		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103		7.44E-06		0.00E+00	6.16E-06	0.00E+00	5.51E-05	0.00E+00	2.86E-04
	RU 105		1.27E-10		0.00E+00	9.55E-11	0.00E+00	3.37E-09	0.00E+00	4.72E-08
	SB 122		4.40E-07		6.07E-09	2.48E-07	2.19E-07	0.00E+00	1.49E-06	4.36E-05
	SB 124		1.74E-03		2.28E-05	1.32E-03	1.50E-04	0.00E+00	8.18E-03	1.61E-02
	SB 125		6.45E-03		5.00E-05	2.92E-03	2.34E-04	0.00E+00	3.05E-02	2.31E-02
	SB 126		1.25E-05		1.81E-07	8.70E-06	2.68E-06	0.00E+00	4.82E-05	3.40E-04
	SN 113		2.86E-01		5.54E-03	3.18E-02	1.75E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M		3.58E-03		6.68E-05	5.33E-04	1.99E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89		2.60E-02		0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	1.43E-03
	SR 90		5.06E-01		0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	5.32E-03
	TC 99M		2.69E-10		5.33E-10	1.88E-08	0.00E+00	2.35E-08	2.24E-09	2.27E-07
	TE 132		5.42E-04		2.43E-04	6.25E-04	1.37E-02	6.91E-03	0.00E+00	5.00E-03
	Y 90		4.37E-07		0.00E+00	2.28E-08	0.00E+00	0.00E+00	0.00E+00	1.66E-03
	ZN 65		6.97E-03		1.72E-02	2.18E-02	0.00E+00	3.25E-02	0.00E+00	4.71E-03
	ZR 95		3.28E-05		7.35E-06	1.38E-05	0.00E+00	3.20E-05	0.00E+00	1.10E-02

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION						
DRINKING	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	AG 110M	2.93E-02	8.36E-03	6.08E-03	0.00E+00	1.97E-02	0.00E+00	1.93E+00
	BA 140	1.99E-01	7.36E-05	4.63E-03	0.00E+00	3.08E-05	6.34E-05	7.60E-02
	BE 7	1.73E-06	1.17E-06	6.92E-07	0.00E+00	1.54E-06	0.00E+00	1.13E-04
	CE 141	4.28E-05	8.62E-06	1.18E-06	0.00E+00	5.00E-06	0.00E+00	2.02E-02
	CE 144	1.73E-02	2.16E-03	3.36E-04	0.00E+00	1.59E-03	0.00E+00	1.08E+00
	CO 57	0.00E+00	2.23E-04	4.48E-04	0.00E+00	0.00E+00	0.00E+00	3.42E-03
	CO 58	0.00E+00	2.23E-01	6.15E-01	0.00E+00	0.00E+00	0.00E+00	2.52E+00
	CO 60	0.00E+00	1.84E-01	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.97E+00
	CR 51	0.00E+00	0.00E+00	3.47E-04	1.17E-04	7.84E-05	5.30E-04	4.00E-02
	CS 134	5.54E+00	3.93E+00	2.18E+00	0.00E+00	1.54E+00	6.11E-01	4.01E-02
	CS 136	3.62E-04	4.30E-04	3.45E-04	0.00E+00	2.88E-04	4.72E-05	2.84E-05
	CS 137	5.80E+01	2.33E+01	9.70E+00	0.00E+00	9.77E+00	3.94E+00	2.72E-01
	CS 138	4.87E-12	2.82E-12	1.69E-12	0.00E+00	2.57E-12	3.10E-13	1.05E-15
	FE 55	2.17E+00	4.65E-01	1.30E-01	0.00E+00	0.00E+00	3.77E-01	1.65E-01
	FE 59	6.60E-02	4.65E-02	2.15E-02	0.00E+00	0.00E+00	1.88E-02	9.02E-02
	H 3	0.00E+00	7.15E+01	8.55E+01	5.18E+01	8.81E+01	9.15E+01	5.86E+01
	HF 181	3.44E-05	5.62E-05	5.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.54E-03	8.99E-04	1.79E-03	7.93E-01	1.98E-03	0.00E+00	8.60E-05
	I 131	5.30E-01	2.24E-01	1.44E-01	4.73E+01	4.75E-01	0.00E+00	3.63E-02
	I 132	3.69E-07	2.92E-07	1.25E-07	7.12E-06	5.67E-07	0.00E+00	1.04E-07
	I 133	1.69E-03	8.64E-04	3.15E-04	8.74E-02	1.87E-03	0.00E+00	5.36E-04
	IA 140	9.61E-05	1.43E-05	4.53E-06	0.00E+00	0.00E+00	0.00E+00	6.71E-01
	LA 141	1.61E-07	1.49E-08	2.94E-09	0.00E+00	0.00E+00	0.00E+00	2.17E-03
	MN 54	0.00E+00	9.29E-02	2.20E-02	0.00E+00	3.42E-02	0.00E+00	1.56E-01
	MO 99	0.00E+00	3.01E-03	6.86E-04	0.00E+00	8.48E-03	0.00E+00	4.42E-03
	NA 24	3.05E-04	9.20E-05	1.10E-04	6.67E-05	1.13E-04	1.18E-04	7.55E-05
	NB 95	3.90E-03	6.53E-04	4.30E-04	0.00E+00	7.81E-04	0.00E+00	2.29E+00
	NP 239	1.41E-06	4.00E-08	2.66E-08	0.00E+00	1.55E-07	0.00E+00	5.28E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.64E-04	0.00E+00	1.49E-04	0.00E+00	1.27E-03	0.00E+00	1.99E-02
	RU 105	1.06E-07	0.00E+00	1.49E-08	0.00E+00	5.00E-07	0.00E+00	2.13E-05
	SB 122	6.42E-04	3.77E-06	6.75E-05	1.85E-06	0.00E+00	1.56E-04	3.42E-02
	SB 124	2.25E+00	1.25E-02	3.17E-01	1.12E-03	0.00E+00	7.59E-01	1.12E+01
	SB 125	8.28E+00	2.73E-02	6.99E-01	1.73E-03	0.00E+00	2.81E+00	1.60E+01
	SB 126	1.65E-02	1.02E-04	2.14E-03	2.04E-05	0.00E+00	4.58E-03	2.42E-01
	SN 113	1.23E-01	1.01E-03	2.55E-03	4.09E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.57E-03	1.25E-05	4.36E-05	5.03E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.12E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	3.31E-02
	SR 90	2.17E+01	0.00E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-01
	TC 99M	9.18E-08	7.73E-08	1.20E-06	0.00E+00	1.42E-06	5.49E-08	4.16E-05
	TE 132	1.93E-03	3.70E-04	4.16E-04	2.82E-04	4.37E-03	0.00E+00	9.60E-03
	Y 90	2.56E-05	0.00E+00	2.49E-07	0.00E+00	0.00E+00	0.00E+00	5.22E-02
	ZN 65	4.48E-03	4.70E-03	2.62E-03	0.00E+00	3.71E-03	0.00E+00	1.63E-03
	ZR 95	1.28E-02	1.22E-03	1.01E-03	0.00E+00	2.22E-03	0.00E+00	2.32E+00

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SHORELINE	AG 110M		2.31E+00			2.29E+00				
	BA 140		6.80E-04			6.87E-04				
	BE 7		0.00E+00			0.00E+00				
	CE 141		2.01E-04			2.06E-04				
	CE 144		8.05E-03			8.04E-03				
	CO 57		2.59E-03			2.73E-03				
	CO 58		1.37E+00			1.35E+00				
	CO 60		2.38E+01			2.34E+01				
	CR 51		5.98E-03			5.84E-03				
	CS 134		2.13E+00			2.11E+00				
	CS 136		2.96E-05			3.02E-05				
	CS 137		3.16E+01			3.13E+01				
	CS 138		5.41E-07			5.46E-07				
	FE 55		0.00E+00			0.00E+00				
	FE 59		1.46E-02			1.43E-02				
	H 3		0.00E+00			0.00E+00				
	HF 181		0.00E+00			0.00E+00				
	I 129		8.86E-03			6.14E-03				
	I 131		7.94E-03			7.55E-03				
	I 132		2.90E-07			2.85E-07				
	I 133		1.50E-05			1.43E-05				
	LA 140		2.98E-03			3.03E-03				
	LA 141		4.12E-07			4.25E-07				
	MN 54		3.41E-01			3.36E-01				
	MO 99		3.48E-05			3.47E-05				
	NA 24		1.29E-05			1.28E-05				
	NB 95		3.11E-01			3.05E-01				
	NP 239		7.38E-06			7.36E-06				
	PR 144		2.11E-07			2.12E-07				
	RB 88		3.60E-08			3.64E-08				
	RU 103		1.94E-03			1.92E-03				
	RU 105		9.22E-08			9.40E-08				
	SB 122		0.00E+00			0.00E+00				
	SB 124		1.63E+00			1.63E+00				
	SB 125		3.61E+01			3.69E+01				
	SB 126		1.07E-03			4.19E-03				
	SN 113		0.00E+00			0.00E+00				
	SN 117M		0.00E+00			0.00E+00				
	SR 89		2.59E-07			2.57E-07				
	SR 90		0.00E+00			0.00E+00				
	TC 99M		9.34E-07			9.41E-07				
	TE 132		1.24E-05			1.21E-05				
	Y 90		4.54E-08			4.44E-08				
	ZN 65		2.68E-03			2.70E-03				
	ZR 95		3.59E-01			3.57E-01				

PATHWAY	ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SWIMMING	SKIN	BONE	LIVER				
	AG 110M		7.00E+00				
	BA 140		3.52E-02				
	BE 7		0.00E+00				
	CE 141		4.22E-03				
	CE 144		2.14E-02				
	CO 57		6.84E-03				
	CO 58		1.37E+01				
	CO 60		9.99E+00				
	CP 51		1.40E-01				
	CS 134		1.92E+00				
	CS 136		1.77E-03				
	CS 137		5.17E+00				
	CS 138		1.31E-02				
	FE 55		3.67E-04				
	FE 59		2.49E-01				
	H 3		0.00E+00				
	HF 181		0.00E+00				
	I 129		1.29E-04				
	I 131		7.36E-01				
	I 132		2.16E-03				
	I 133		1.20E-02				
	LA 140		1.39E+00				
	LA 141		1.49E-03				
	MN 54		7.82E-01				
	MO 99		8.79E-03				
	NA 24		1.80E-02				
	NB 95		6.70E+00				
	NP 239		2.22E-03				
	PR 144		1.39E-02				
	RB 88		2.83E-03				
	RU 103		3.39E-02				
	RU 105		3.82E-04				
	SB 122		0.00E+00				
	SB 124		2.10E+01				
	SB 125		2.60E+01				
	SB 126		2.56E-01				
	SN 113		0.00E+00				
	SN 117M		0.00E+00				
	SR 89		1.18E-04				
	SR 90		1.15E-05				
	TC 99M		2.64E-03				
	TE 132		2.46E-03				
	Y 90		2.76E-04				
	ZN 65		8.56E-03				
	ZR 95		4.70E+00				

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	THYROID	KIDNEY	LUNG	GI-ILI
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY			
BOATING							
	AG 110M			7.00E+00			
	BA 140			3.52E-02			
	BE 7			0.00E+00			
	CE 141			4.22E-03			
	CE 144			2.14E-02			
	CO 57			6.84E-03			
	CO 58			1.37E+01			
	CO 60			9.99E+00			
	CR 51			1.40E-01			
	CS 134			1.92E+00			
	CS 136			1.77E-03			
	CS 137			5.17E+00			
	CS 138			1.31E-02			
	FE 55			3.67E-04			
	FE 59			2.49E-01			
	H 3			0.00E+00			
	HF 181			0.00E+00			
	I 129			1.29E-04			
	I 131			7.36E-01			
	I 132			2.16E-03			
	I 133			1.20E-02			
	LA 140			1.39E+00			
	LA 141			1.49E-03			
	MN 54			7.82E-01			
	MO 99			8.79E-03			
	NA 24			1.80E-02			
	NB 95			6.70E+00			
	NF 239			2.22E-03			
	PR 144			1.39E-02			
	RB 88			2.83E-03			
	RU 103			3.39E-02			
	RU 105			3.82E-04			
	SB 122			0.00E+00			
	SB 124			2.10E+01			
	SB 125			2.60E+01			
	SB 126			2.56E-01			
	SN 113			0.00E+00			
	SN 117M			0.00E+00			
	SR 89			1.18E-04			
	SR 90			1.15E-05			
	TC 99M			2.64E-03			
	TE 132			2.46E-03			
	Y 90			2.76E-04			
	ZN 65			8.56E-03			
	ZR 95			4.70E+00			

* * * SELECTED LOCATION * * *

LOCATION IS SITE DISCHG.

C H I L D D O S E S

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		2.35E-01	2.37E-01	3.76E-02	5.00E-03	7.69E-02	2.79E-02	1.46E-01
DRINKING		1.31E-02	3.03E-02	2.34E-02	4.55E-02	2.41E-02	2.31E-02	2.80E-02
SHORELINE	8.32E-04	7.20E-04	7.20E-04	7.20E-04	7.20E-04	7.20E-04	7.20E-04	7.20E-04
SWIMMING		1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05	1.28E-05
BOATING		6.40E-06	6.40E-06	6.40E-06	6.40E-06	6.40E-06	6.40E-06	6.40E-06
TOTAL	8.32E-04	2.49E-01	2.68E-01	6.18E-02	5.13E-02	1.02E-01	5.17E-02	1.75E-01

PATHWAY	USAGE (KG/YR,HR/YR)	DILUTION	TIME (HR)	SHOREWIDTH FACTOR=0.2
FISH	6.9	1.0	24.00	
DRINKING	510.0	1.0	12.00	
SHORELINE	14.0	1.0	0.00	
SWIMMING	14.0	1.0	0.00	
BOATING	14.0	1.0	0.00	

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH								
	AG 110M	4.73E-05	3.17E-05	1.60E-04	0.00E+00	1.82E-04	0.00E+00	6.11E-03
	BA 140	6.07E-04	5.28E-07	2.21E-04	0.00E+00	5.30E-07	2.68E-06	4.94E-04
	BE 7	2.74E-09	4.63E-09	1.90E-08	0.00E+00	1.41E-08	0.00E+00	4.22E-07
	CE 141	3.38E-08	1.67E-08	1.57E-08	0.00E+00	2.26E-08	0.00E+00	3.38E-05
	CE 144	1.38E-05	4.30E-06	4.61E-06	0.00E+00	7.35E-06	0.00E+00	1.82E-03
	CO 57	0.00E+00	2.04E-05	2.59E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-04
	CO 58	0.00E+00	1.81E-02	3.49E-01	0.00E+00	0.00E+00	0.00E+00	1.71E-01
	CO 60	0.00E+00	1.53E-02	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.37E-01
	CR 51	0.00E+00	0.00E+00	7.85E-04	3.28E-03	5.83E-05	1.07E-03	1.07E-02
	CS 134	8.29E+00	1.35E+01	1.79E+01	0.00E+00	1.29E+01	1.28E+01	1.18E-01
	CS 136	5.16E-04	1.41E-03	5.74E-03	0.00E+00	2.31E-03	9.51E-04	8.01E-05
	CS 137	9.07E+01	8.61E+01	8.00E+01	0.00E+00	8.65E+01	8.58E+01	8.73E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.77E-01	9.32E-02	1.82E-01	0.00E+00	0.00E+00	4.48E-01	2.79E-02
	FE 59	4.93E-03	7.92E-03	2.48E-02	0.00E+00	0.00E+00	1.95E-02	1.33E-02
	H 3	0.00E+00	1.09E-01	6.85E-01	5.15E+00	3.36E-01	9.25E-01	1.76E-01
	HF 181	9.03E-08	3.67E-07	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.24E-05	2.58E-05	1.45E-04	8.01E-01	1.35E-04	0.00E+00	2.10E-06
	I 131	5.99E-03	5.98E-03	2.14E-02	9.37E+01	3.03E-02	0.00E+00	8.62E-04
	I 132	1.14E-10	2.09E-10	6.04E-10	4.59E-07	9.85E-10	0.00E+00	3.98E-10
	I 133	1.34E-05	1.64E-05	3.91E-05	1.45E-01	8.44E-05	0.00E+00	1.07E-05
	LA 140	1.52E-06	5.27E-07	1.12E-06	0.00E+00	0.00E+00	0.00E+00	2.38E-02
	LA 141	3.89E-10	8.99E-11	1.23E-10	0.00E+00	0.00E+00	0.00E+00	3.24E-05
	MN 54	0.00E+00	5.93E-02	9.94E-02	0.00E+00	5.12E-02	0.00E+00	8.05E-02
	MO 99	0.00E+00	5.15E-05	8.02E-05	0.00E+00	3.39E-04	0.00E+00	6.89E-05
	NA 24	1.18E-05	1.18E-05	7.40E-05	5.57E-04	3.63E-05	9.99E-05	1.90E-05
	NB 95	8.50E-02	3.28E-02	1.48E-01	0.00E+00	9.51E-02	0.00E+00	9.83E+01

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH (CONTINUED)										
	NP 239		9.70E-09	6.92E-10	3.06E-09	0.00E+00	6.16E-09	0.00E+00	8.28E-05	
	PR 144		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RB 88		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RU 103		7.34E-06	0.00E+00	1.76E-05	0.00E+00	5.65E-05	0.00E+00	3.05E-04	
	RU 105		1.29E-10	0.00E+00	2.93E-10	0.00E+00	3.48E-09	0.00E+00	1.36E-07	
	SB 122		4.53E-07	6.60E-09	8.22E-07	2.81E-07	0.00E+00	1.55E-06	5.72E-05	
	SB 124		1.72E-03	2.21E-05	3.76E-03	1.78E-04	0.00E+00	8.04E-03	1.73E-02	
	SB 125		6.40E-03	4.90E-05	8.38E-03	2.79E-04	0.00E+00	3.01E-02	2.46E-02	
	SB 126		1.19E-05	1.81E-07	2.67E-05	3.28E-06	0.00E+00	4.79E-05	3.86E-04	
	SN 113		2.95E-01	6.04E-03	1.06E-01	2.11E-01	0.00E+00	0.00E+00	0.00E+00	
	SN 117M		3.68E-03	7.29E-05	1.77E-03	2.55E-03	0.00E+00	0.00E+00	0.00E+00	
	SR 89		2.69E-02	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	1.67E-03	
	SR 90		4.37E-01	0.00E+00	5.49E-02	0.00E+00	0.00E+00	0.00E+00	6.28E-03	
	TC 99M		2.57E-10	5.01E-10	5.23E-08	0.00E+00	2.24E-08	2.16E-09	4.61E-07	
	TE 132		5.39E-04	2.37E-04	1.80E-03	1.63E-02	6.78E-03	0.00E+00	3.86E-03	
	Y 90		4.51E-07	0.00E+00	7.54E-08	0.00E+00	0.00E+00	0.00E+00	2.06E-03	
	ZN 65		5.70E-03	1.51E-02	5.90E-02	0.00E+00	2.93E-02	0.00E+00	4.28E-03	
	ZR 95		3.18E-05	6.94E-06	3.89E-05	0.00E+00	3.06E-05	0.00E+00	1.17E-02	

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION						
DRINKING	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
	AG 110M	2.72E-02	7.98E-03	8.27E-03	0.00E+00	1.87E-02	0.00E+00	1.03E+00
	BA 140	2.06E-01	7.84E-05	6.76E-03	0.00E+00	3.20E-05	6.14E-05	4.91E-02
	BE 7	1.83E-06	1.35E-06	1.14E-06	0.00E+00	1.67E-06	0.00E+00	8.21E-05
	CE 141	4.52E-05	9.78E-06	1.88E-06	0.00E+00	5.38E-06	0.00E+00	1.32E-02
	CE 144	1.83E-02	2.49E-03	5.49E-04	0.00E+00	1.73E-03	0.00E+00	7.03E-01
	CO 57	0.00E+00	2.36E-04	6.18E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-03
	CO 58	0.00E+00	2.10E-01	8.34E-01	0.00E+00	0.00E+00	0.00E+00	1.33E+00
	CO 60	0.00E+00	1.77E-01	6.75E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+00
	CR 51	0.00E+00	0.00E+00	4.73E-04	1.35E-04	6.95E-05	4.86E-04	2.10E-02
	CS 134	5.48E+00	3.90E+00	1.07E+00	0.00E+00	1.52E+00	5.70E-01	2.28E-02
	CS 136	3.50E-04	4.18E-04	3.50E-04	0.00E+00	2.79E-04	4.36E-05	1.59E-05
	CS 137	5.99E+01	2.49E+01	4.76E+00	0.00E+00	1.02E+01	3.83E+00	1.69E-01
	CS 138	5.07E-12	3.06E-12	2.51E-12	0.00E+00	2.70E-12	3.04E-13	1.53E-12
	FE 55	2.34E+00	5.38E-01	2.16E-01	0.00E+00	0.00E+00	4.00E-01	1.08E-01
	FE 59	6.57E-02	4.61E-02	2.97E-02	0.00E+00	0.00E+00	1.76E-02	5.20E-02
	H 3	0.00E+00	6.99E+01	9.05E+01	4.65E+01	8.77E+01	9.18E+01	7.57E+01
	HF 181	3.65E-05	6.47E-05	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.74E-03	9.95E-04	1.15E-03	4.33E-01	2.11E-03	0.00E+00	5.42E-05
	I 131	5.51E-01	2.41E-01	1.77E-01	5.29E+01	4.96E-01	0.00E+00	2.32E-02
	I 132	3.75E-07	2.99E-07	1.78E-07	9.23E-06	5.74E-07	0.00E+00	3.81E-07
	I 133	1.76E-03	9.44E-04	4.63E-04	1.17E-01	1.98E-03	0.00E+00	4.12E-04
	LA 140	9.87E-05	1.50E-05	6.54E-06	0.00E+00	0.00E+00	0.00E+00	4.52E-01
	LA 141	1.70E-07	1.72E-08	4.83E-09	0.00E+00	0.00E+00	0.00E+00	4.14E-03
	MN 54	0.00E+00	8.57E-02	2.96E-02	0.00E+00	3.02E-02	0.00E+00	7.79E-02
	MO 99	0.00E+00	3.37E-03	1.08E-03	0.00E+00	9.05E-03	0.00E+00	3.02E-03
	NA 24	2.72E-04	1.18E-04	1.53E-04	7.86E-05	1.48E-04	1.55E-04	1.28E-04
	NB 95	3.78E-03	6.39E-04	5.91E-04	0.00E+00	7.54E-04	0.00E+00	1.28E+00
	NP 239	1.49E-06	4.63E-08	4.21E-08	0.00E+00	1.68E-07	0.00E+00	3.71E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.79E-04	0.00E+00	2.11E-04	0.00E+00	1.34E-03	0.00E+00	1.19E-02
	RU 105	1.12E-07	0.00E+00	2.27E-08	0.00E+00	5.34E-07	0.00E+00	3.42E-05
	SB 122	6.80E-04	4.33E-06	1.11E-04	2.60E-06	0.00E+00	1.58E-04	2.51E-02
	SB 124	2.28E+00	1.29E-02	4.50E-01	1.46E-03	0.00E+00	7.22E-01	6.71E+00
	SB 125	8.47E+00	2.83E-02	9.97E-01	2.26E-03	0.00E+00	2.69E+00	9.50E+00
	SB 126	1.62E-02	1.07E-04	3.27E-03	2.74E-05	0.00E+00	4.40E-03	1.53E-01
	SN 113	1.30E-01	1.17E-03	4.20E-03	5.73E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.66E-03	1.44E-05	7.19E-05	7.07E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.19E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00	2.17E-02
	SR 90	1.93E+01	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	8.09E-02
	TC 99M	9.04E-08	7.69E-08	1.65E-06	0.00E+00	1.40E-06	5.13E-08	4.74E-05
	TE 132	1.98E-03	3.80E-04	5.95E-04	3.69E-04	4.44E-03	0.00E+00	4.15E-03
	Y 90	2.72E-05	0.00E+00	4.08E-07	0.00E+00	0.00E+00	0.00E+00	3.63E-02
	ZN 65	3.77E-03	4.36E-03	3.51E-03	0.00E+00	3.45E-03	0.00E+00	8.30E-04
	ZR 95	1.28E-02	1.22E-03	1.41E-03	0.00E+00	2.19E-03	0.00E+00	1.38E+00

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SHORELINE	SKIN	BONE	LIVER				
	AG 110M	2.31E+00		2.29E+00			
	BA 140	6.80E-04		6.87E-04			
	BE 7	0.00E+00		0.00E+00			
	CE 141	2.01E-04		2.06E-04			
	CE 144	8.05E-03		8.04E-03			
	CO 57	2.59E-03		2.73E-03			
	CO 58	1.37E+00		1.35E+00			
	CO 60	2.38E+01		2.34E+01			
	CR 51	5.98E-03		5.84E-03			
	CS 134	2.13E+00		2.11E+00			
	CS 136	2.96E-05		3.02E-05			
	CS 137	3.16E+01		3.13E+01			
	CS 138	5.41E-07		5.46E-07			
	FE 55	0.00E+00		0.00E+00			
	FE 59	1.46E-02		1.43E-02			
	H 3	0.00E+00		0.00E+00			
	HF 181	0.00E+00		0.00E+00			
	I 129	8.86E-03		6.14E-03			
	I 131	7.94E-03		7.55E-03			
	I 132	2.90E-07		2.85E-07			
	I 133	1.50E-05		1.43E-05			
	LA 140	2.98E-03		3.03E-03			
	LA 141	4.12E-07		4.25E-07			
	MN 54	3.41E-01		3.36E-01			
	MO 99	3.48E-05		3.47E-05			
	NA 24	1.29E-05		1.28E-05			
	NB 95	3.11E-01		3.05E-01			
	NP 239	7.38E-06		7.36E-06			
	PR 144	2.11E-07		2.12E-07			
	RB 88	3.60E-08		3.64E-08			
	RU 103	1.94E-03		1.92E-03			
	RU 105	9.22E-08		9.40E-08			
	SA 122	0.00E+00		0.00E+00			
	SB 124	1.63E+00		1.63E+00			
	SB 125	3.61E+01		3.69E+01			
	SB 126	4.07E-03		4.19E-03			
	SN 113	0.00E+00		0.00E+00			
	SN 117M	0.00E+00		0.00E+00			
	SR 89	2.59E-07		2.57E-07			
	SR 90	0.00E+00		0.00E+00			
	TC 99M	9.34E-07		9.41E-07			
	TE 132	1.24E-05		1.21E-05			
	Y 90	4.54E-08		4.44E-08			
	ZN 65	2.66E-03		2.70E-03			
	ZR 95	3.59E-01		3.57E-01			

PATHWAY	ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
SWIMMING	SKIN	BONE	LIVER				
	AG 110M		7.00E+00				
	BA 140		3.52E-02				
	BE 7		0.00E+00				
	CE 141		4.22E-03				
	CE 144		2.14E-02				
	CO 57		6.84E-03				
	CO 58		1.37E+01				
	CO 60		9.99E+00				
	CR 51		1.40E-01				
	CS 134		1.92E+00				
	CS 136		1.77E-03				
	CS 137		5.17E+00				
	CS 138		1.31E-02				
	FE 55		3.67E-04				
	FE 59		2.49E-01				
	H 3		0.00E+00				
	HF 181		0.00E+00				
	I 129		1.29E-04				
	I 131		7.36E-01				
	I 132		2.16E-03				
	I 133		1.20E-02				
	LA 140		1.39E+00				
	LA 141		1.49E-03				
	MN 54		7.82E-01				
	MO 99		8.79E-03				
	NA 24		1.80E-02				
	NB 95		6.70E+00				
	NP 239		2.22E-03				
	PR 144		1.39E-02				
	RB 88		2.83E-03				
	RU 103		3.39E-02				
	RU 105		3.82E-04				
	SB 122		0.00E+00				
	SB 124		2.10E+01				
	SB 125		2.60E+01				
	SB 126		2.56E-01				
	SN 113		0.00E+00				
	SN 117M		0.00E+00				
	SR 89		1.18E-04				
	SR 90		1.15E-05				
	TC 99M		2.64E-03				
	TE 132		2.46E-03				
	Y 90		2.76E-04				
	ZM 65		8.56E-03				
	ZR 95		4.70E+00				

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
BOATING	SKIN	BONE	LIVER				
	AG 110M		7.00E+00				
	BA 140		3.52E-02				
	BE 7		0.00E+00				
	CE 141		4.22E-03				
	CE 144		2.14E-02				
	CO 57		6.84E-03				
	CO 58		1.37E+01				
	CO 60		9.99E+00				
	CR 51		1.40E-01				
	CS 134		1.92E+00				
	CS 136		1.77E-03				
	CS 137		5.17E+00				
	CS 138		1.31E-02				
	FE 55		3.67E-04				
	FE 59		2.49E-01				
	H 3		0.00E+00				
	HF 181		0.00E+00				
	I 129		1.29E-04				
	I 131		7.36E-01				
	I 132		2.16E-03				
	I 133		1.20E-02				
	LA 140		1.39E+00				
	LA 141		1.49E-03				
	MN 54		7.82E-01				
	MO 99		8.79E-03				
	NA 24		1.80E-02				
	NB 95		6.70E+00				
	NP 239		2.22E-03				
	PR 144		1.39E-02				
	RB 86		2.83E-03				
	RU 103		3.39E-02				
	RU 105		3.82E-04				
	S3 122		0.00E+00				
	SB 124		2.10E+01				
	SB 125		2.60E+01				
	SB 126		2.56E-01				
	SN 113		0.00E+00				
	SN 117M		0.00E+00				
	SR 89		1.18E-04				
	SR 90		1.15E-05				
	TC 99M		2.64E-03				
	TE 132		2.46E-03				
	Y 90		2.76E-04				
	ZN 65		8.56E-03				
	ZR 95		4.70E+00				

* * * SELECTED LOCATION * * *

LOCATION IS SITE DISCHG.

I N F A N T D O S E S

PATHWAY	DOSE (MREM PER YEAR INTAKE)							
	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DRINKING		1.29E-02	3.22E-02	2.25E-02	5.91E-02	2.39E-02	2.30E-02	2.49E-02
SHORELINE	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TOTAL	0.00E+00	1.29E-02	3.22E-02	2.25E-02	5.91E-02	2.39E-02	2.30E-02	2.49E-02

	USAGE (KG/YR, HR/YR)	DILUTION	TIME (HR)	SHOREWIDTH FACTOR=0.2
FISH	0.0	1.0	24.00	
DRINKING	330.0	1.0	12.00	

PATHWAY	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	AG 110M			3.31E-02	9.70E-03	9.19E-03	0.00E+00	1.87E-02	0.00E+00	6.50E-01
	BA 140			2.79E-01	1.12E-04	8.27E-03	0.00E+00	3.59E-05	9.64E-05	3.56E-02
	BE 7			2.31E-06	1.94E-06	1.49E-06	0.00E+00	1.86E-06	0.00E+00	5.91E-05
	CE 141			5.90E-05	1.44E-05	2.43E-06	0.00E+00	6.01E-06	0.00E+00	9.63E-03
	CE 144			1.73E-02	2.84E-03	5.56E-04	0.00E+00	1.55E-03	0.00E+00	5.14E-01
	CO 57			0.00E+00	3.34E-04	7.79E-04	0.00E+00	0.00E+00	0.00E+00	1.47E-03
	CO 58			0.00E+00	2.56E-01	9.14E-01	0.00E+00	0.00E+00	0.00E+00	8.24E-01
	CO 60			0.00E+00	2.20E-01	7.42E-01	0.00E+00	0.00E+00	0.00E+00	6.75E-01
	CR 51			0.00E+00	0.00E+00	5.04E-04	1.25E-04	6.78E-05	6.26E-04	1.33E-02
	CS 134			5.81E+00	4.35E+00	6.29E-01	0.00E+00	1.51E+00	6.43E-01	1.53E-02
	CS 136			4.51E-04	5.32E-04	2.84E-04	0.00E+00	7.6E-04	6.07E-05	1.04E-05
	CS 137			6.30E+01	2.96E+01	3.00E+00	0.00E+00	E+01	4.50E+00	1.19E-01
	CS 138			7.04E-12	4.59E-12	3.19E-12	0.00E+00	E-12	5.01E-13	9.48E-12
	FE 55			1.86E+00	4.83E-01	1.85E-01	0.00E+00	0.00E+00	3.30E-01	7.91E-02
	FE 59			8.07E-02	5.65E-02	3.19E-02	0.00E+00	0.00E+00	2.34E-02	3.49E-02
	H 3			0.00E+00	6.45E+01	9.24E+01	3.52E+01	8.71E+01	9.04E+01	8.34E+01
	HF 181			4.68E-05	9.44E-05	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129			5.06E-03	1.51E-03	1.58E-03	5.27E-01	2.41E-03	0.00E+00	3.89E-05
	I 131			7.57E-01	3.58E-01	2.25E-01	6.41E+01	5.65E-01	0.00E+00	1.65E-02
	I 132			5.12E-07	4.17E-07	2.13E-07	1.07E-05	6.28E-07	0.00E+00	4.37E-07
	I 133			2.45E-03	1.43E-03	5.99E-04	1.42E-01	2.27E-03	0.00E+00	3.12E-04
	LA 140			1.36E-04	2.15E-05	7.91E-06	0.00E+00	0.00E+00	0.00E+00	3.26E-01
	LA 141			2.38E-07	2.77E-08	6.90E-09	0.00E+00	0.00E+00	0.00E+00	4.10E-03
	MN 54			0.00E+00	9.71E-02	3.15E-02	0.00E+00	2.90E-02	0.00E+00	4.61E-02
	MO 99			0.00E+00	5.25E-03	1.47E-03	0.00E+00	1.06E-02	0.00E+00	2.23E-03
	NA 24			3.12E-04	1.25E-04	1.79E-04	6.83E-05	1.69E-04	1.75E-04	1.62E-04
	NB 95			4.65E-03	7.68E-04	6.35E-04	0.00E+00	7.43E-04	0.00E+00	8.37E-01
	NP 239			2.07E-06	7.42E-08	6.00E-08	0.00E+00	2.00E-07	0.00E+00	2.77E-03
	PR 144			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103			1.30E-03	0.00E+00	2.51E-04	0.00E+00	1.47E-03	0.00E+00	8.22E-03

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
PATHWAY	SKIN	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING (CONTINUED)								
RU 105	1.55E-07	0.00E+00	2.99E-08	0.00E+00	6.16E-07	0.00E+00	3.19E-05	
SB 122	9.47E-04	6.96E-06	1.59E-04	3.21E-06	0.00E+00	2.78E-04	1.85E-02	
SB 124	2.90E+00	1.71E-02	5.16E-01	1.68E-03	0.00E+00	1.02E+00	4.63E+00	
SB 125	9.57E+00	3.72E-02	1.13E+00	2.62E-03	0.00E+00	3.11E+00	6.62E+00	
SB 126	1.95E-02	1.54E-04	4.05E-03	3.28E-05	0.00E+00	6.90E-03	1.05E-01	
SN 113	1.62E-01	1.68E-03	5.67E-03	6.38E-04	0.00E+00	0.00E+00	0.00E+00	
SN 117M	2.27E-03	2.25E-05	1.01E-04	8.56E-06	0.00E+00	0.00E+00	0.00E+00	
SR 89	1.49E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00	1.59E-02	
SR 90	1.40E+01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	0.00E+00	5.93E-02	
TC 99M	1.24E-07	1.02E-07	1.89E-06	0.00E+00	1.49E-06	7.50E-08	3.84E-05	
TE 132	2.69E-03	5.34E-04	7.13E-04	4.29E-04	4.51E-03	0.00E+00	2.55E-03	
Y 90	3.78E-05	0.00E+00	5.82E-07	0.00E+00	0.00E+00	0.00E+00	2.70E-02	
ZN 65	3.34E-03	4.59E-03	3.03E-03	0.00E+00	3.01E-03	0.00E+00	5.01E-03	
ZR 95	1.50E-02	1.46E-03	1.49E-03	0.00E+00	2.13E-03	0.00E+00	9.41E-01	

* * * FISH CONSUMPTION POPULATION DCSES * * *

PERSON-REM

SPORT HARVEST

SPORT HARVEST		-----DOSE (PERSON-REM)-----							
PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH	ADULT	6.10E+04	6.99E-02	1.01E-01	6.88E-02	1.38E-03	3.42E-02	1.15E-02	2.04E-01
FISH	TEENAGER	7.12E+03	1.14E-02	1.61E-02	5.90E-03	1.89E-04	5.43E-03	2.12E-03	2.21E-02
FISH	CHILD	4.93E+03	2.30E-02	2.32E-02	3.68E-03	3.03E-04	7.51E-03	2.73E-03	1.27E-02
FISH	TOTAL	7.30E+04	1.04E-01	1.40E-01	7.84E-02	1.87E-03	4.72E-02	1.64E-02	1.39E-01

LOCATION DILUTION CATCH TIME(HR)-INCLUDES FOOD PROCESSING TIME OF 1.68E+02 HR POPULATION=1.24E+04
 7.30E+00 7.30E+04 1.69E+02

AVERAGE INDIVIDUAL CONSUMPTION (KG/YR) ADULT=6.90E+00 TEEN=5.20E+00 CHILD=2.20E+00

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT	AG 110M	5.62E-05	3.59E-05	3.14E-05	0.00E+00	2.09E-04	0.00E+00	7.29E-03
	BA 140	4.36E-04	3.78E-07	2.90E-05	0.00E+00	3.80E-07	1.90E-06	3.08E-04
	BE 7	2.42E-09	3.79E-09	2.74E-09	0.00E+00	1.18E-08	0.00E+00	3.27E-07
	CE 141	2.85E-08	1.33E-08	2.23E-09	0.00E+00	1.83E-08	0.00E+00	2.53E-05
	CE 144	1.30E-05	3.76E-06	7.11E-07	0.00E+00	6.60E-06	0.00E+00	1.51E-03
	CO 57	0.00E+00	2.02E-05	4.93E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-04
	CO 58	0.00E+00	2.00E-02	6.60E-02	0.00E+00	0.00E+00	0.00E+00	2.02E-01
	CO 60	0.00E+00	1.75E-02	5.67E-02	0.00E+00	0.00E+00	0.00E+00	1.63E-01
	CR 51	0.00E+00	0.00E+00	1.34E-04	3.99E-03	5.92E-05	1.06E-03	1.13E-02
	CS 134	8.92E+00	1.47E+01	1.76E+01	0.00E+00	1.40E+01	1.39E+01	1.27E-01
	CS 136	4.23E-04	1.15E-03	1.22E-03	0.00E+00	1.90E-03	7.74E-04	6.52E-05
	CS 137	8.99E+01	8.49E+01	8.19E+01	0.00E+00	8.53E+01	8.43E+01	8.17E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.71E-01	8.18E-02	2.81E-02	0.00E+00	0.00E+00	4.02E-01	2.33E-02
	FE 59	4.80E-03	7.80E-03	4.40E-03	0.00E+00	0.00E+00	1.92E-02	1.29E-02
	H 3	0.00E+00	1.59E-01	2.34E-01	1.17E+01	4.70E-01	1.40E+00	7.90E-02
	HF 181	7.79E-08	2.93E-07	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.06E-05	2.41E-05	1.16E-04	4.56E+00	1.53E-04	0.00E+00	1.89E-06
	I 131	3.51E-03	3.47E-03	2.92E-03	8.35E+01	1.76E-02	0.00E+00	4.54E-04
	I 132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 133	1.06E-07	1.27E-07	5.70E-08	1.37E-03	5.56E-07	0.00E+00	5.67E-08
	LA 140	1.27E-07	4.42E-08	1.72E-08	0.00E+00	0.00E+00	0.00E+00	1.61E-03
	LA 141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	MN 54	0.00E+00	7.09E-02	1.99E-02	0.00E+00	6.23E-02	0.00E+00	1.08E-01
	MO 99	0.00E+00	1.03E-05	2.89E-06	0.00E+00	6.92E-05	0.00E+00	1.19E-05
	NA 24	1.80E-08	1.24E-08	1.83E-08	9.14E-07	3.68E-08	1.09E-07	6.17E-09
	NB 95	8.49E-02	3.26E-02	2.58E-02	0.00E+00	9.54E-02	0.00E+00	9.84E+01
	NP 239	1.52E-09	1.03E-10	8.40E-11	0.00E+00	9.55E-10	0.00E+00	1.05E-05
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	6.80E-06	0.00E+00	2.98E-06	0.00E+00	5.30E-05	0.00E+00	2.72E-04

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION			* *			
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT (CONTINUED)								
	RU 105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	SB 122	9.19E-08	1.24E-09	2.72E-08	6.56E-08	0.00E+00	2.90E-07	9.24E-06
	SB 124	1.65E-03	2.15E-05	6.63E-04	2.03E-04	0.00E+00	7.78E-03	1.60E-02
	SB 125	6.49E-03	5.01E-05	1.57E-03	3.35E-04	0.00E+00	3.04E-02	2.45E-02
	SB 126	9.04E-06	1.27E-07	3.32E-06	2.81E-06	0.00E+00	3.37E-05	2.54E-04
	SN 113	2.71E-01	5.15E-03	1.58E-02	2.24E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.58E-03	4.72E-05	2.01E-04	2.06E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89	2.35E-02	0.00E+00	6.85E-04	0.00E+00	0.00E+00	0.00E+00	1.29E-03
	SR 90	6.05E-01	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	5.22E-03
	TC 99M	1.62E-17	3.16E-17	5.93E-16	0.00E+00	1.42E-15	1.36E-16	9.30E-15
	TE 132	1.52E-04	6.79E-05	9.39E-05	5.52E-03	1.94E-03	0.00E+00	1.60E-03
	Y 90	9.01E-08	0.00E+00	2.46E-09	0.00E+00	0.00E+00	0.00E+00	3.28E-04
	ZN 65	8.06E-03	1.77E-02	1.18E-02	0.00E+00	3.50E-02	0.00E+00	5.54E-03
	ZR 95	3.18E-05	7.04E-06	7.01E-06	0.00E+00	3.27E-05	0.00E+00	1.11E-02

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *					
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
TEENAGER	AG 110M	5.15E-05	3.46E-05	5.74E-05	0.00E+00	1.95E-04	0.00E+00	7.08E-03
	BA 140	4.36E-04	3.79E-07	5.44E-05	0.00E+00	3.81E-07	1.93E-06	3.47E-04
	BE 7	2.47E-09	3.94E-09	5.32E-09	0.00E+00	1.24E-08	0.00E+00	3.52E-07
	CE 141	2.90E-08	1.37E-08	4.31E-09	0.00E+00	1.92E-08	0.00E+00	2.86E-05
	CE 144	1.33E-05	3.90E-06	1.38E-06	0.00E+00	6.90E-06	0.00E+00	1.72E-03
	CO 57	0.00E+00	2.01E-05	9.21E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-04
	CO 58	0.00E+00	1.92E-02	1.21E-01	0.00E+00	0.00E+00	0.00E+00	1.92E-01
	CO 60	0.00E+00	1.69E-02	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.60E-01
	CR 51	0.00E+00	0.00E+00	2.46E-04	4.27E-03	5.86E-05	9.77E-04	1.10E-02
	CS 134	8.58E+00	1.43E+01	1.82E+01	0.00E+00	1.35E+01	1.32E+01	1.30E-01
	CS 136	3.99E-04	1.12E-03	2.04E-03	0.00E+00	1.80E-03	7.25E-04	6.53E-05
	CS 137	9.03E+01	8.53E+01	8.11E+01	0.00E+00	8.60E+01	8.55E+01	8.83E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.69E-01	8.48E-02	5.40E-02	0.00E+00	0.00E+00	4.08E-01	2.67E-02
	FE 59	4.65E-03	7.70E-03	8.11E-03	0.00E+00	0.00E+00	1.84E-02	1.32E-02
	H 3	0.00E+00	1.18E-01	3.21E-01	1.00E+01	3.49E-01	8.93E-01	8.57E-02
	HF 181	7.97E-08	3.05E-07	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.14E-05	2.47E-05	1.13E-04	2.56E+00	1.31E-04	0.00E+00	2.10E-06
	I 131	3.53E-03	3.50E-03	5.14E-03	8.71E+01	1.79E-02	0.00E+00	5.04E-04
	I 132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 133	1.07E-07	1.29E-07	1.07E-07	1.53E-03	6.69E-07	0.00E+00	7.09E-08
	LA 140	1.26E-07	4.41E-08	3.20E-08	0.00E+00	0.00E+00	0.00E+00	1.84E-03
	LA 141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	MN 54	0.00E+00	6.71E-02	3.63E-02	0.00E+00	5.93E-02	0.00E+00	1.00E-01
	MO 99	0.00E+00	1.06E-05	5.52E-06	0.00E+00	7.19E-05	0.00E+00	1.38E-05
	NA 24	1.74E-08	1.24E-08	3.37E-08	1.05E-06	3.66E-08	9.36E-08	8.99E-09
	NB 95	8.02E-02	3.16E-02	4.74E-02	0.00E+00	9.07E-02	0.00E+00	9.83E+01
	NP 239	1.61E-09	1.08E-10	1.63E-10	0.00E+00	1.00E-09	0.00E+00	1.26E-05
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	6.70E-06	0.00E+00	5.55E-06	0.00E+00	4.97E-05	0.00E+00	2.89E-04
	RU 105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	SB 122	9.38E-08	1.29E-09	5.29E-08	7.46E-08	0.00E+00	3.17E-07	1.04E-05
	SB 124	1.63E-03	2.13E-05	1.23E-03	2.23E-04	0.00E+00	7.64E-03	1.69E-02
	SB 125	6.43E-03	4.98E-05	2.91E-03	3.71E-04	0.00E+00	3.04E-02	2.58E-02
	SB 126	8.94E-06	1.30E-07	6.22E-06	3.06E-06	0.00E+00	3.45E-05	2.73E-04
	SN 113	2.76E-01	5.35E-03	3.07E-02	2.54E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.64E-03	4.92E-05	3.92E-04	2.33E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89	2.40E-02	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	1.48E-03
	SR 90	5.06E-01	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	5.98E-03
	TC 99M	1.56E-17	3.08E-17	1.09E-15	0.00E+00	1.36E-15	1.30E-16	1.47E-14
	TE 132	1.51E-04	6.77E-05	1.74E-04	6.08E-03	1.92E-03	0.00E+00	1.56E-03
	Y 90	9.17E-08	0.00E+00	4.79E-09	0.00E+00	0.00E+00	0.00E+00	3.91E-04
	ZN 65	6.86E-03	1.69E-02	2.15E-02	0.00E+00	3.20E-02	0.00E+00	5.21E-03
	ZR 55	3.08E-05	6.89E-06	1.29E-05	0.00E+00	3.00E-05	0.00E+00	1.16E-02

AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
CHILD	AG 110M	4.66E-05	3.12E-05	1.57E-04	0.00E+00	1.79E-04	0.00E+00	6.75E-03
	BA 140	4.39E-04	3.81E-07	1.60E-04	0.00E+00	3.83E-07	1.93E-06	4.01E-04
	BE 7	2.54E-09	4.29E-09	1.76E-08	0.00E+00	1.31E-08	0.00E+00	4.39E-07
	CE 141	2.98E-08	1.47E-08	1.38E-08	0.00E+00	1.99E-08	0.00E+00	3.34E-05
	CE 144	1.36E-05	4.25E-06	4.55E-06	0.00E+00	7.25E-06	0.00E+00	2.01E-03
	CO 57	0.00E+00	2.01E-05	2.56E-04	0.00E+00	0.00E+00	0.00E+00	2.99E-04
	CO 58	0.00E+00	1.71E-02	3.30E-01	0.00E+00	0.00E+00	0.00E+00	1.81E-01
	CO 60	0.00E+00	1.53E-02	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.54E-01
	CR 51	0.00E+00	0.00E+00	6.77E-04	4.56E-03	5.02E-05	9.25E-04	1.04E-02
	CS 134	8.25E+00	1.34E+01	1.79E+01	0.00E+00	1.28E+01	1.27E+01	1.32E-01
	CS 136	3.76E-04	1.03E-03	4.18E-03	0.00E+00	1.68E-03	6.92E-04	6.55E-05
	CS 137	9.07E+01	8.62E+01	8.02E+01	0.00E+00	8.66E+01	8.59E+01	9.81E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.76E-01	9.29E-02	1.81E-01	0.00E+00	0.00E+00	4.46E-01	3.13E-02
	FE 59	4.49E-03	7.22E-03	2.26E-02	0.00E+00	0.00E+00	1.78E-02	1.37E-02
	H 3	0.00E+00	1.09E-01	6.86E-01	8.32E+00	3.36E-01	9.25E-01	1.98E-01
	HF 181	8.20E-08	3.33E-07	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.25E-05	2.59E-05	1.46E-04	1.29E+00	1.35E-04	0.00E+00	2.36E-06
	I 131	3.57E-03	3.56E-03	1.27E-02	9.00E+01	1.80E-02	0.00E+00	5.76E-04
	I 132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 133	1.08E-07	1.33E-07	3.17E-07	1.89E-03	6.84E-07	0.00E+00	9.74E-08
	LA 140	1.26E-07	4.38E-08	9.29E-08	0.00E+00	0.00E+00	0.00E+00	2.22E-03
	LA 141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	MN 54	0.00E+00	5.86E-02	9.83E-02	0.00E+00	5.06E-02	0.00E+00	8.93E-02
	MO 99	0.00E+00	1.13E-05	1.75E-05	0.00E+00	7.42E-05	0.00E+00	1.69E-05
	NA 24	1.51E-08	1.50E-08	9.44E-08	1.15E-06	4.62E-08	1.27E-07	2.72E-08
	NB 95	7.55E-02	2.92E-02	1.31E-01	0.00E+00	8.46E-02	0.00E+00	9.81E+01
	NP 239	1.65E-09	1.18E-10	5.22E-10	0.00E+00	1.05E-09	0.00E+00	1.58E-05
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	6.61E-06	0.00E+00	1.59E-05	0.00E+00	5.09E-05	0.00E+00	3.08E-04
	RU 105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	SB 122	9.65E-08	1.41E-09	1.75E-07	9.69E-08	0.00E+00	3.31E-07	1.37E-05
	SB 124	1.60E-03	2.07E-05	3.52E-03	2.69E-04	0.00E+00	7.51E-03	1.81E-02
	SB 125	6.38E-03	4.88E-05	8.36E-03	4.49E-04	0.00E+00	3.00E-02	2.75E-02
	SB 126	8.51E-06	1.29E-07	1.91E-05	3.79E-06	0.00E+00	3.43E-05	3.09E-04
	SN 113	2.84E-01	5.83E-03	1.02E-01	3.29E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.71E-03	5.37E-05	1.30E-03	3.03E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89	2.48E-02	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	1.73E-03
	SF 90	4.37E-01	0.00E+00	5.50E-02	0.00E+00	0.00E+00	0.00E+00	7.06E-03
	TC 99M	1.49E-17	2.90E-17	3.03E-15	0.00E+00	1.30E-15	1.25E-16	3.00E-14
	TE 132	1.50E-04	6.59E-05	5.01E-02	7.33E-03	1.89E-03	0.00E+00	1.20E-03
	Y 90	9.47E-08	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	4.86E-04
	ZN 65	5.61E-03	1.48E-02	5.81E-02	0.00E+00	2.88E-02	0.00E+00	4.73E-03
	ZR 95	2.98E-05	6.51E-06	3.65E-05	0.00E+00	2.87E-05	0.00E+00	1.23E-02

* * * FISH CONSUMPTION POPULATION DOSES * * *
PERSON-REM

COMMERCIAL HARVEST

		-----DOSE (PERSON-REM)-----							
PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH	ADULT	3.73E+06	7.09E-03	1.03E-02	6.97E-03	1.13E-04	3.47E-03	1.17E-03	1.95E-02
FISH	TEENAGER	4.35E+05	1.16E-03	1.63E-03	5.97E-04	1.53E-05	5.50E-04	2.15E-04	2.11E-03
FISH	CHILD	3.01E+05	2.33E-03	2.35E-03	3.72E-04	2.44E-05	7.61E-04	2.76E-04	1.22E-03
FISH	TOTAL	4.46E+06	1.06E-02	1.42E-02	7.94E-03	1.53E-04	4.78E-03	1.66E-03	2.28E-02

LOCATION DILUTION CATCH TIME(HR)-INCLUDES FOOD PROCESSING TIME OF 2.40E+02 HR POPULATION=7.60E+05
 7.30E+00 7.30E+04 2.41E+02

AVERAGE INDIVIDUAL CONSUMPTION (KG/YR) ADULT=6.90E+00 TEEN=5.20E+00 CHILD=2.20E+00

* * *	INDIVIDUAL	ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT								
	AG 110M	5.58E-05	3.57E-05	3.12E-05	0.00E+00	2.07E-04	0.00E+00	7.66E-03
	BA 140	3.71E-04	3.22E-07	2.47E-05	0.00E+00	3.23E-07	1.62E-06	2.77E-04
	BE 7	2.33E-09	3.64E-09	2.63E-09	0.00E+00	1.14E-08	0.00E+00	3.34E-07
	CE 141	2.68E-08	1.25E-08	2.09E-09	0.00E+00	1.72E-08	0.00E+00	2.52E-05
	CE 144	1.29E-05	3.73E-06	7.06E-07	0.00E+00	6.55E-06	0.00E+00	1.59E-03
	CO 57	0.00E+00	2.00E-05	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-04
	CO 58	0.00E+00	1.94E-02	6.42E-02	0.00E+00	0.00E+00	0.00E+00	2.07E-01
	CO 60	0.00E+00	1.75E-02	5.67E-02	0.00E+00	0.00E+00	0.00E+00	1.73E-01
	CR 51	0.00E+00	0.00E+00	1.24E-04	4.57E-03	5.49E-05	9.84E-04	1.12E-02
	CS 134	8.90E+00	1.46E+01	1.76E+01	0.00E+00	1.40E+01	1.38E+01	1.35E-01
	CS 136	3.61E-04	9.86E-04	1.04E-03	0.00E+00	1.62E-03	6.61E-04	5.89E-05
	CS 137	8.99E+01	8.50E+01	8.19E+01	0.00E+00	8.53E+01	8.43E+01	8.66E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.71E-01	8.17E-02	2.80E-02	0.00E+00	0.00E+00	4.01E-01	2.47E-02
	FE 59	4.59E-03	7.45E-03	4.20E-03	0.00E+00	0.00E+00	1.83E-02	1.31E-02
	H 3	0.00E+00	1.59E-01	2.34E-01	1.44E+01	4.70E-01	1.40E+00	8.37E-02
	HF 181	7.47E-08	2.79E-07	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.06E-05	2.41E-05	1.16E-04	5.64E+00	1.53E-04	0.00E+00	2.01E-06
	I 131	2.71E-03	2.68E-03	2.26E-03	7.96E+01	1.36E-02	0.00E+00	3.72E-04
	I 132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 133	9.62E-09	1.16E-08	5.19E-09	1.54E-04	5.97E-08	0.00E+00	5.47E-09
	IA 140	3.68E-08	1.28E-08	4.98E-09	0.00E+00	0.00E+00	0.00E+00	4.95E-04
	LA 141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	MN 54	0.00E+00	7.03E-02	1.98E-02	0.00E+00	6.19E-02	0.00E+00	1.13E-01
	MO 99	0.00E+00	4.85E-06	1.36E-06	0.00E+00	3.25E-05	0.00E+00	5.91E-06
	NA 24	6.52E-10	4.51E-10	6.63E-10	4.09E-08	1.33E-09	3.96E-09	2.37E-10
	NB 95	8.01E-02	3.08E-02	2.43E-02	0.00E+00	9.00E-02	0.00E+00	9.83E+01
	NP 239	6.31E-10	4.29E-11	3.48E-11	0.00E+00	3.96E-10	0.00E+00	4.63E-06
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	6.45E-06	0.00E+00	2.83E-06	0.00E+00	5.03E-05	0.00E+00	2.74E-04

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT (CONTINUED)								
	RU 105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	SB 122	4.26E-08	5.77E-10	1.26E-08	3.75E-08	0.00E+00	1.35E-07	4.54E-06
	SB 124	1.59E-03	2.08E-05	6.41E-04	2.42E-04	0.00E+00	7.52E-03	1.64E-02
	SB 125	6.48E-03	5.00E-05	1.57E-03	4.13E-04	0.00E+00	3.03E-02	2.59E-02
	SB 126	7.65E-06	1.08E-07	7.81E-06	2.94E-06	0.00E+00	2.85E-05	2.27E-04
	SN 113	2.66E-01	5.06E-03	2.55E-02	2.72E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.22E-03	4.05E-05	1.73E-04	2.18E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89	2.25E-02	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-03
	SR 90	6.05E-01	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	5.53E-03
	TC 99M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	TE 132	8.04E-05	3.59E-05	4.96E-05	3.60E-03	1.02E-03	0.00E+00	8.94E-04
	Y 90	4.14E-08	0.00E+00	1.13E-09	0.00E+00	0.00E+00	0.00E+00	1.60E-04
	ZN 65	7.99E-03	1.76E-02	1.17E-02	0.00E+00	3.48E-02	0.00E+00	5.82E-03
	ZR 95	3.08E-05	6.82E-06	6.79E-06	0.00E+00	3.17E-05	0.00E+00	1.14E-02

* * *	INDIVIDUAL ISOTOPE	PERCENT BONE	CONTRIBUTION LIVER	TOTAL BODY	* * THYROID	KIDNEY	LUNG	GI-LLI
TEENAGER								
	AG 110M	5.11E-05	3.43E-05	5.70E-05	0.00E+00	1.94E-04	0.00E+00	7.44E-03
	BA 140	3.71E-04	3.22E-07	4.63E-05	0.00E+00	3.24E-07	1.64E-06	3.13E-04
	BE 7	2.38E-09	3.79E-09	5.12E-09	0.00E+00	1.20E-08	0.00E+00	3.59E-07
	CE 141	2.72E-08	1.29E-08	4.04E-09	0.00E+00	1.80E-08	0.00E+00	2.84E-05
	CE 144	1.32E-05	3.87E-06	1.37E-06	0.00E+00	6.85E-06	0.00E+00	1.81E-03
	CO 57	0.00E+00	2.00E-05	9.15E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-04
	CO 58	0.00E+00	1.86E-02	1.17E-01	0.00E+00	0.00E+00	0.00E+00	1.98E-01
	CO 60	0.00E+00	1.69E-02	1.04E-01	0.00E+00	0.00E+00	0.00E+00	1.69E-01
	CR 51	0.00E+00	0.00E+00	2.29E-04	4.95E-03	5.44E-05	9.07E-04	1.09E-02
	CS 134	8.56E+00	1.43E+01	1.81E+01	0.00E+00	1.35E+01	1.32E+01	1.37E-01
	CS 136	3.41E-04	9.52E-04	1.75E-03	0.00E+00	1.54E-03	6.19E-04	5.91E-05
	CS 137	9.04E+01	8.53E+01	8.11E+01	0.00E+00	8.60E+01	8.55E+01	9.36E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.68E-01	8.47E-02	5.39E-02	0.00E+00	0.00E+00	4.07E-01	2.83E-02
	FE 59	4.44E-03	7.35E-03	7.75E-03	0.00E+00	0.00E+00	1.76E-02	1.34E-02
	H 3	0.00E+00	1.18E-01	3.22E-01	1.25E+01	5.49E-01	8.93E-01	9.08E-02
	HF 181	7.59E-08	2.91E-07	6.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.14E-05	2.47E-05	1.13E-04	3.20E+00	1.31E-04	0.00E+00	2.22E-06
	I 131	2.72E-05	2.71E-03	3.97E-03	8.40E+01	1.38E-02	0.00E+00	4.13E-04
	I 132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 133	9.73E-09	1.17E-08	9.76E-09	1.74E-04	6.09E-06	0.00E+00	6.84E-09
	LA 140	3.66E-08	1.28E-08	9.27E-09	0.00E+00	0.00E+00	0.00E+00	5.65E-04
	LA 141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	MN 54	0.00E+00	6.67E-02	3.61E-02	0.00E+00	5.89E-02	0.00E+00	1.05E-01
	MO 99	0.00E+00	4.98E-06	2.59E-06	0.00E+00	3.38E-05	0.00E+00	6.88E-06
	NA 24	6.31E-10	4.48E-10	1.22E-09	4.76E-08	1.33E-09	3.39E-09	3.45E-10
	NB 95	7.57E-02	2.98E-02	4.48E-02	0.00E+00	8.55E-02	0.00E+00	9.82E+01
	NP 239	6.68E-10	4.47E-11	6.78E-11	0.00E+00	4.16E-10	0.00E+00	5.54E-06
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	6.36E-06	0.00E+00	5.27E-06	0.00E+00	4.71E-05	0.00E+00	2.91E-04
	RU 105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	SB 122	4.35E-08	6.00E-10	2.45E-08	4.31E-08	0.00E+00	1.47E-07	5.12E-06
	SB 124	1.57E-03	2.06E-05	1.19E-03	2.69E-04	0.00E+00	7.39E-03	1.73E-02
	SB 125	6.42E-03	4.98E-05	2.91E-03	4.63E-04	0.00E+00	3.03E-02	2.73E-02
	SB 126	7.56E-06	1.10E-07	5.26E-06	3.23E-06	0.00E+00	2.92E-05	2.45E-04
	SN 113	2.72E-01	5.26E-03	3.02E-02	3.12E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.26E-03	4.22E-05	3.37E-04	2.50E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89	2.30E-02	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-03
	SR 90	5.07E-01	0.00E+00	1.96E-02	0.00E+00	0.00E+00	0.00E+00	6.33E-03
	TC 99M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	TE 132	7.96E-05	3.58E-05	9.19E-05	4.01E-03	1.02E-03	0.00E+00	8.74E-04
	Y 90	4.22E-08	0.00E+00	2.20E-09	0.00E+00	0.00E+00	0.00E+00	1.90E-04
	ZN 65	6.80E-03	1.68E-02	2.13E-02	0.00E+00	3.18E-02	0.00E+00	5.47E-03
	ZR 95	2.98E-05	6.68E-06	1.25E-05	0.00E+00	2.91E-05	0.00E+00	1.19E-02

AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
CHILD	AG 110M	4.62E-05	3.10E-05	1.56E-04	0.00E+00	1.78E-04	0.00E+00	7.10E-03
	BA 140	3.73E-04	3.24E-07	1.36E-04	0.00E+00	3.26E-07	1.64E-06	3.61E-04
	BE 7	2.44E-09	4.13E-09	1.70E-08	0.00E+00	1.26E-08	0.00E+00	4.47E-07
	CE 141	2.79E-08	1.38E-08	1.29E-08	0.00E+00	1.87E-08	0.00E+00	3.32E-05
	CE 144	1.36E-05	4.22E-06	4.53E-06	0.00E+00	7.20E-06	0.00E+00	2.12E-03
	CO 57	0.00E+00	1.99E-05	2.54E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-04
	CO 58	0.00E+00	1.66E-02	3.20E-01	0.00E+00	0.00E+00	0.00E+00	1.86E-01
	CO 60	0.00E+00	1.53E-02	2.84E-01	0.00E+00	0.00E+00	0.00E+00	1.63E-01
	CR 51	0.00E+00	0.00E+00	6.28E-04	5.32E-03	4.66E-05	8.58E-04	1.02E-02
	CS 134	8.23E+00	1.34E+01	1.78E+01	0.00E+00	1.28E+01	1.27E+01	1.39E-01
	CS 136	3.21E-04	8.76E-04	3.57E-03	0.00E+00	1.44E-03	5.91E-04	5.92E-05
	CS 137	9.08E+01	8.62E+01	8.02E+01	0.00E+00	8.67E+01	8.59E+01	1.04E+00
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	1.76E-01	9.27E-02	1.81E-01	0.00E+00	0.00E+00	4.46E-01	3.31E-02
	FE 59	4.29E-03	6.89E-03	2.16E-02	0.00E+00	0.00E+00	1.70E-02	1.38E-02
	H 3	0.00E+00	1.09E-01	6.86E-01	1.05E+01	3.36E-01	9.25E-01	2.10E-01
	HF 181	7.81E-08	3.17E-07	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	4.25E-05	2.59E-05	1.46E-04	1.63E+00	1.35E-04	0.00E+00	2.51E-06
	I 131	2.76E-03	2.75E-03	9.85E-03	8.75E+01	1.39E-02	0.00E+00	4.71E-04
	I 132	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0 JE+00	0.00E+00	0.00E+00
	I 133	9.86E-09	1.21E-08	2.89E-08	2.16E-04	6.22E-08	0.00E+00	9.39E-09
	LA 140	3.66E-08	1.27E-08	2.69E-08	0.00E+00	0.00E+00	0.00E+00	6.81E-04
	LA 141	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	MN 54	0.00E+00	5.82E-02	9.77E-02	0.00E+00	5.03E-02	0.00E+00	9.40E-02
	MO 99	0.00E+00	5.29E-06	8.24E-06	0.00E+00	3.48E-05	0.00E+00	8.42E-06
	NA 24	5.47E-10	5.43E-10	3.42E-09	5.22E-08	1.68E-09	4.62E-09	1.05E-09
	NB 95	7.12E-02	2.75E-02	1.24E-01	0.00E+00	7.98E-02	0.00E+00	9.80E+01
	NP 239	6.85E-10	4.88E-11	2.16E-10	0.00E+00	4.36E-10	0.00E+00	6.96E-06
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	6.27E-06	0.00E+00	1.51E-05	0.00E+00	4.83E-05	0.00E+00	3.10E-04
	RU 105	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	SB 122	4.47E-08	6.52E-10	8.13E-08	5.65E-08	0.00E+00	1.54E-07	6.72E-06
	SB 124	1.55E-03	2.00E-05	3.40E-03	3.27E-04	0.00E+00	7.26E-03	1.85E-02
	SB 125	6.37E-03	4.88E-05	8.35E-03	5.63E-04	0.00E+00	2.99E-02	2.91E-02
	SB 126	7.20E-06	1.09E-07	1.62E-05	4.03E-06	0.00E+00	2.90E-05	2.77E-04
	SN 113	2.80E-01	5.73E-03	1.00E-01	4.07E-01	0.00E+00	0.00E+00	0.00E+00
	SN 117M	2.33E-03	4.61E-05	1.12E-03	3.27E-03	0.00E+00	0.00E+00	0.00E+00
	SR 89	2.38E-02	0.00E+00	4.25E-03	0.00E+00	0.00E+00	0.00E+00	1.76E-03
	SR 90	4.37E-01	0.00E+00	5.50E-02	0.00E+00	0.00E+00	0.00E+00	7.48E-03
	TC 99M	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	TE 132	7.93E-05	3.48E-05	2.65E-04	4.88E-03	9.97E-04	0.00E+00	6.75E-04
	Y 90	4.35E-08	0.00E+00	7.29E-09	0.00E+00	0.00E+00	0.00E+00	2.37E-04
	ZN 65	5.56E-03	1.47E-02	5.77E-02	0.00E+00	2.86E-02	0.00E+00	4.98E-03
	ZR 95	2.89E-05	6.30E-06	3.54E-05	0.00E+00	2.78E-05	0.00E+00	1.27E-02

NEPA DOSES

NOTE--TOTAL NEPA DOSE INCLUDES SPORT CATCH

		-----DOSE (PERSON-REM)-----							
PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
FISH	ADULT	1.22E+05	1.40E-01	2.02E-01	1.38E-01	2.49E-03	6.84E-02	2.30E-02	3.96E-01
FISH	TEENAGER	1.42E+04	2.28E-02	3.22E-02	1.18E-02	3.40E-04	1.09E-02	4.25E-03	4.30E-02
FISH	CHILD	9.85E+03	4.60E-02	4.63E-02	7.35E-03	5.43E-04	1.50E-02	5.45E-03	2.48E-02
FISH	TOTAL	1.46E+05	2.09E-01	2.81E-01	1.57E-01	3.38E-03	9.43E-02	3.27E-02	4.64E-01
* * * POPULATION WATER CONSUMPTION DOSES * * *									

SUPPLIER-OMAHA

-----DOSE (PERSON-REM)-----									
PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	ADULT	1.39E+08	3.07E-02	1.25E-01	1.17E-01	1.67E-01	1.06E-01	1.02E-01	1.67E-01
DRINKING	TEENAGER	1.51E+07	4.48E-03	1.49E-02	1.24E-02	1.99E-02	1.20E-02	1.16E-02	1.80E-02
DRINKING	CHILD	2.48E+07	2.07E-02	4.78E-02	3.69E-02	6.93E-02	3.80E-02	3.64E-02	4.40E-02
DRINKING	TOTAL	1.79E+08	5.59E-02	1.88E-01	1.67E-01	2.56E-01	1.56E-01	1.50E-01	2.29E-01
POPULATION=5.29E+05		DILUTION=3.08E+01		TRANSIT TIME=3.06E+01 HR (INCLUDING 24 HR FOR TREATMENT FACILITY)					
AVERAGE INDIVIDUAL CONSUMPTION (L/YR)			ADULT=3.70E+02		TEEN=2.60E+02		CHILD=2.60E+02		

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *									
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI	
ADULT	AG 110M	3.06E-02	6.93E-03	4.39E-03	0.00E+00	1.61E-02	0.00E+00	2.12E+00	
	BA 140	1.83E-01	5.64E-05	3.13E-03	0.00E+00	2.26E-05	3.94E-05	6.92E-02	
	BE 7	1.60E-06	8.91E-07	4.66E-07	0.00E+00	1.11E-06	0.00E+00	1.16E-04	
	CE 141	3.97E-05	6.58E-06	7.96E-07	0.00E+00	3.60E-06	0.00E+00	1.89E-02	
	CE 144	1.63E-02	1.66E-03	2.28E-04	0.00E+00	1.16E-03	0.00E+00	1.01E+00	
	CO 57	0.00E+00	1.79E-04	3.17E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-03	
	CO 58	0.00E+00	1.85E-01	4.42E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+00	
	CO 60	0.00E+00	1.53E-01	3.60E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00	
	CR 51	0.00E+00	0.00E+00	2.44E-04	1.03E-04	5.94E-05	3.72E-04	4.31E-02	
	CS 134	5.52E+00	3.22E+00	2.81E+00	0.00E+00	1.23E+00	4.23E-01	4.22E-02	
	CS 136	3.53E-04	3.42E-04	2.62E-04	0.00E+00	2.24E-04	3.19E-05	2.91E-05	
	CS 137	5.54E+01	1.85E+01	1.30E+01	0.00E+00	7.42E+00	2.56E+00	2.52E-01	
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	FE 55	2.12E+00	3.59E-01	8.92E-02	0.00E+00	0.00E+00	2.45E-01	1.54E-01	
	FE 59	6.47E-02	3.72E-02	1.52E-02	0.00E+00	0.00E+00	1.27E-02	9.30E-02	
	H 3	0.00E+00	7.72E+01	8.23E+01	5.79E+01	9.10E+01	9.44E+01	5.78E+01	
	HF 181	3.19E-05	4.26E-05	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	I 129	3.34E-03	7.02E-04	2.45E-03	1.35E+00	1.78E-03	0.00E+00	8.31E-05	
	I 131	4.73E-01	1.66E-01	1.01E-01	4.07E+01	3.35E-01	0.00E+00	3.27E-02	
	I 132	1.33E-09	8.70E-10	3.25E-10	2.28E-08	1.63E-09	0.00E+00	1.22E-10	
	I 133	8.61E-04	3.67E-04	1.19E-04	4.04E-02	7.54E-04	0.00E+00	2.47E-04	
	LA 140	6.73E-05	8.30E-06	2.34E-06	0.00E+00	0.00E+00	0.00E+00	4.57E-01	
	LA 141	5.72E-09	4.35E-10	7.59E-11	0.00E+00	0.00E+00	0.00E+00	3.88E-05	
	MN 54	0.00E+00	7.82E-02	1.59E-02	0.00E+00	2.74E-02	0.00E+00	1.80E-01	
	MO 99	0.00E+00	1.92E-03	3.90E-04	0.00E+00	5.13E-03	0.00E+00	3.34E-03	
	NA 24	1.28E-04	3.14E-05	3.35E-05	2.36E-05	3.70E-05	3.84E-05	2.36E-05	
	NB 95	3.90E-03	5.32E-04	3.05E-04	0.00E+00	6.19E-04	0.00E+00	2.42E+00	
	NP 239	1.02E-06	2.45E-08	1.44E-08	0.00E+00	9.00E-08	0.00E+00	3.76E-03	
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	RU 103	9.27E-04	0.00E+00	1.04E-04	0.00E+00	1.02E-03	0.00E+00	1.98E-02	
	RU 105	5.52E-09	0.00E+00	5.69E-10	0.00E+00	2.06E-08	0.00E+00	6.19E-07	
	SB 122	4.95E-04	2.38E-06	3.77E-05	1.28E-06	0.00E+00	7.72E-05	2.66E-02	

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *					
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT (CONTINUED)								
	SB 124	2.17E+00	1.00E-02	2.24E-01	9.64E-04	0.00E+00	5.05E-01	1.13E+01
	SB 125	8.02E+00	2.19E-02	4.99E-01	1.50E-03	0.00E+00	1.85E+00	1.62E+01
	SB 126	1.54E-02	7.65E-05	1.45E-03	1.73E-05	0.00E+00	2.82E-03	2.30E-01
	SN 113	1.15E-01	7.76E-04	1.72E-03	3.44E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.42E-03	9.21E-06	2.85E-05	4.09E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.04E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-02
	SR 90	2.48E+01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-01
	TC 99M	1.08E-08	7.45E-09	1.01E-07	0.00E+00	1.33E-07	4.46E-09	3.30E-06
	TE 132	1.59E-03	2.52E-04	2.52E-04	2.09E-04	2.86E-03	0.00E+00	8.92E-03
	Y 90	1.97E-05	0.00E+00	1.38E-07	0.00E+00	0.00E+00	0.00E+00	3.83E-02
	ZN 65	5.04E-03	3.93E-03	1.89E-03	0.00E+00	3.10E-03	0.00E+00	1.85E-03
	ZR 95	1.26E-02	9.91E-04	7.15E-04	0.00E+00	1.83E-03	0.00E+00	2.35E+00

AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
TEENAGER	AG 110M	2.92E-02	6.34E-03	6.07E-03	0.00E+00	1.56E-02	0.00E+00	1.93E+00
	BA 140	1.91E-01	7.06E-05	4.44E-03	0.00E+00	2.95E-05	6.08E-05	7.32E-02
	BE 7	1.71E-05	1.16E-06	6.85E-07	0.00E+00	1.52E-06	0.00E+00	1.17E-04
	CE 141	4.21E-05	8.48E-06	1.16E-06	0.00E+00	4.92E-06	0.00E+00	2.00E-02
	CE 144	1.73E-02	2.16E-03	3.35E-04	0.00E+00	1.59E-03	0.00E+00	1.08E+00
	CO 57	0.00E+00	2.23E-04	4.47E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-03
	CO 58	0.00E+00	2.22E-01	6.10E-01	0.00E+00	0.00E+00	0.00E+00	2.51E+00
	CO 60	0.00E+00	1.84E-01	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+00
	CR 51	0.00E+00	0.00E+00	3.40E-04	1.18E-04	7.69E-05	5.20E-04	3.94E-02
	CS 134	5.54E+00	3.93E+00	2.18E+00	0.00E+00	1.54E+00	6.11E-01	4.03E-02
	CS 136	3.48E-04	4.13E-04	3.31E-04	0.00E+00	2.77E-04	4.53E-05	2.73E-05
	CS 137	5.80E+01	2.33E+01	9.70E+00	0.00E+00	9.77E+00	3.94E+00	2.73E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.17E+00	4.65E-01	1.30E-01	0.00E+00	0.00E+00	3.77E-01	1.66E-01
	FE 59	6.52E-02	4.59E-02	2.12E-02	0.00E+00	0.00E+00	1.85E-02	8.94E-02
	H 3	0.00E+00	7.15E+01	8.55E+01	5.34E+01	8.82E+01	9.15E+01	5.89E+01
	HF 181	3.40E-05	5.55E-05	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.54E-03	8.99E-04	1.79E-03	8.18E-01	1.98E-03	0.00E+00	8.63E-05
	I 131	4.96E-01	2.09E-01	1.35E-01	4.57E+01	4.45E-01	0.00E+00	3.41E-02
	I 132	1.36E-09	1.07E-09	4.61E-10	2.71E-08	2.09E-09	0.00E+00	3.85E-10
	I 133	9.09E-04	4.65E-04	1.70E-04	4.86E-02	1.01E-03	0.00E+00	2.90E-04
	LA 140	6.98E-05	1.04E-05	3.29E-06	0.00E+00	0.00E+00	0.00E+00	4.89E-01
	LA 141	6.08E-09	5.65E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	8.23E-05
	MN 54	0.00E+00	9.28E-02	2.20E-02	0.00E+00	3.41E-02	0.00E+00	1.57E-01
	MO 99	0.00E+00	2.47E-03	5.64E-04	0.00E+00	6.98E-03	0.00E+00	3.65E-03
	NA 24	1.30E-04	3.91E-05	4.67E-05	2.92E-05	4.82E-05	5.00E-05	3.22E-05
	NB 95	3.85E-03	6.44E-04	4.24E-04	0.00E+00	7.69E-04	0.00E+00	2.27E+00
	NP 239	1.12E-06	3.19E-08	2.12E-08	0.00E+00	1.23E-07	0.00E+00	4.22E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.52E-04	0.00E+00	1.47E-04	0.00E+00	1.25E-03	0.00E+00	1.98E-02
	RU 105	5.83E-09	0.00E+00	8.16E-10	0.00E+00	2.73E-08	0.00E+00	1.17E-06
	SB 122	5.27E-04	3.09E-06	5.54E-05	1.56E-06	0.00E+00	1.28E-04	2.82E-02
	SB 124	2.23E+00	1.24E-02	3.14E-01	1.14E-03	0.00E+00	7.52E-01	1.12E+01
	SB 125	8.28E+00	2.73E-02	6.99E-01	1.79E-03	0.00E+00	2.81E+00	1.60E+01
	SB 126	1.58E-02	9.76E-05	2.05E-03	2.02E-05	0.00E+00	4.38E-03	2.33E-01
	SN 113	1.23E-01	1.01E-03	2.53E-03	4.21E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.51E-03	1.20E-05	4.20E-05	4.99E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.11E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-02
	SR 90	2.17E+01	0.00E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-01
	TC 99M	1.08E-08	9.07E-09	1.41E-07	0.00E+00	1.67E-07	6.44E-09	4.90E-06
	TE 132	1.64E-03	3.14E-04	3.53E-04	2.47E-04	3.71E-03	0.00E+00	8.18E-03
	Y 90	2.09E-05	0.00E+00	2.03E-07	0.00E+00	0.00E+00	0.00E+00	4.29E-02
	ZN 65	4.47E-03	4.69E-03	2.61E-03	0.00E+00	3.70E-03	0.00E+00	1.63E-03
	ZR 95	1.27E-02	1.21E-03	9.98E-04	0.00E+00	2.20E-03	0.00E+00	2.31E+00

AGE GROUP	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	THYROID	KIDNEY	LUNG	GI-LLI		
CHILD	ISOTOPE	BONE	LIVER	TOTAL BODY				
	AG 110M	2.72E-02	7.97E-03	8.25E-03	0.00E+00	1.86E-02	0.00E+00	1.03E+00
	BA 140	1.98E-01	7.52E-05	6.49E-03	0.00E+00	3.07E-05	5.89E-05	4.72E-02
	BE 7	1.81E-06	1.33E-06	1.13E-06	0.00E+00	1.66E-06	0.00E+00	8.15E-05
	CE 141	4.45E-05	9.62E-06	1.85E-06	0.00E+00	5.30E-06	0.00E+00	1.30E-02
	CE 144	1.83E-02	2.49E-03	5.48E-04	0.00E+00	1.73E-03	0.00E+00	7.04E-01
	CO 57	0.00E+00	2.35E-04	6.17E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-03
	CO 58	0.00E+00	2.09E-01	8.28E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+00
	CO 60	0.00E+00	1.77E-01	6.75E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+00
	CR 51	0.00E+00	0.00E+00	4.64E-04	1.37E-04	6.82E-05	4.77E-04	2.06E-02
	CS 134	5.48E+00	3.90E+00	1.07E+00	0.00E+00	1.52E+00	5.70E-01	2.28E-02
	CS 136	3.37E-04	4.01E-04	3.36E-04	0.00E+00	2.68E-04	4.19E-05	1.53E-05
	CS 137	6.00E+01	2.49E+01	4.76E+00	0.00E+00	1.02E+01	3.83E+00	1.69E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.34E+00	5.38E-01	2.16E-01	0.00E+00	0.00E+00	4.00E-01	1.08E-01
	FE 59	6.50E-02	4.56E-02	2.94E-02	0.00E+00	0.00E+00	1.73E-02	5.15E-02
	H 3	0.00E+00	6.99E+01	9.05E+01	4.82E+01	8.78E+01	9.18E+01	7.59E+01
	HF 181	3.61E-05	6.39E-05	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.74E-03	9.96E-04	1.15E-03	4.49E-01	2.11E-03	0.00E+00	5.44E-05
	I 131	5.16E-01	2.25E-01	1.66E-01	5.13E+01	4.64E-01	0.00E+00	2.18E-02
	I 132	1.38E-09	1.10E-09	6.56E-10	3.52E-08	2.12E-09	0.00E+00	1.41E-09
	I 133	9.48E-04	5.08E-04	2.49E-04	6.51E-02	1.06E-03	0.00E+00	2.22E-04
	LA 140	7.18E-05	1.09E-05	4.75E-06	0.00E+00	0.00E+00	0.00E+00	3.29E-01
	LA 141	6.44E-09	6.51E-10	1.83E-10	0.00E+00	0.00E+00	0.00E+00	1.57E-04
	MN 54	0.00E+00	8.56E-02	2.95E-02	0.00E+00	3.01E-02	0.00E+00	7.80E-02
	MO 99	0.00E+00	2.78E-03	8.89E-04	0.00E+00	7.44E-03	0.00E+00	2.49E-03
	NA 24	1.16E-04	5.01E-05	6.49E-05	3.46E-05	6.30E-05	6.58E-05	5.44E-05
	NB 95	3.73E-03	6.29E-04	5.82E-04	0.00E+00	7.42E-04	0.00E+00	1.26E+00
	NP 239	1.18E-06	3.69E-08	3.36E-08	0.00E+00	1.34E-07	0.00E+00	2.96E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.67E-04	0.00E+00	2.09E-04	0.00E+00	1.32E-03	0.00E+00	1.18E-02
	RU 105	6.10E-09	0.00E+00	1.24E-09	0.00E+00	2.92E-08	0.00E+00	1.88E-06
	SB 122	5.58E-04	3.55E-06	9.11E-05	2.21E-06	0.00E+00	1.29E-04	2.07E-02
	SB 124	2.27E+00	1.27E-02	4.46E-01	1.49E-03	0.00E+00	7.16E-01	6.67E+00
	SB 125	8.47E+00	2.83E-02	9.96E-01	2.34E-03	0.00E+00	2.69E+00	9.52E+00
	SB 126	1.55E-02	1.03E-04	3.13E-03	2.72E-05	0.00E+00	4.22E-03	1.47E-01
	SN 113	1.30E-01	1.16E-03	4.18E-03	5.91E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.60E-03	1.38E-05	6.92E-05	7.04E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.18E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-02
	SR 90	1.93E+01	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	8.11E-02
	TC 99M	1.06E-08	9.02E-09	1.94E-07	0.00E+00	1.65E-07	6.02E-09	5.58E-06
	TE 132	1.68E-03	3.23E-04	5.05E-04	3.24E-04	3.76E-03	0.00E+00	3.53E-03
	Y 90	2.22E-05	0.00E+00	3.34E-07	0.00E+00	0.00E+00	0.00E+00	2.98E-02
	ZN 65	3.77E-03	4.35E-03	3.51E-03	0.00E+00	3.44E-03	0.00E+00	8.30E-04
	ZR 95	1.27E-02	1.21E-03	1.40E-03	0.00E+00	2.18E-03	0.00E+00	1.37E+00

SUPPLIER-COUNCIL BLUFFS

-----DOSE (PERSON-REM)-----

PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	ADULT	2.29E+07	4.97E-03	2.03E-02	1.90E-02	2.70E-02	1.72E-02	1.66E-02	2.71E-02
DRINKING	TEENAGER	2.49E+06	7.25E-04	2.40E-03	2.01E-03	3.21E-03	1.95E-03	1.88E-03	2.92E-03
DRINKING	CHILD	4.07E+06	3.35E-03	7.73E-03	5.97E-03	1.12E-02	6.15E-03	5.89E-03	7.12E-03
DRINKING	TOTAL	2.94E+07	5.04E-03	3.04E-02	2.70E-02	4.14E-02	2.53E-02	2.43E-02	3.71E-02

POPULATION=8.70E+04 DILUTION=3.13E+01 TRANSIT TIME=3.10E+01 HR (INCLUDING 24 HR FOR TREATMENT FACILITY)

AVERAGE INDIVIDUAL CONSUMPTION (L/YR) ADULT=3.70E+02 TEEN=2.60E+02 CHILD=2.60E+02

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *	* * *	* * *	* * *	* * *	* * *
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT	AG 110M	3.06E-02	6.93E-03	4.39E-03	0.00E+00	1.61E-02	0.00E+00	2.12E+00
	BA 140	1.83E-01	5.63E-05	3.13E-03	0.00E+00	2.26E-05	3.94E-05	6.91E-02
	BE 7	1.60E-06	8.90E-07	4.66E-07	0.00E+00	1.11E-06	0.00E+00	1.16E-04
	CE 141	3.97E-05	6.58E-06	7.96E-07	0.00E+00	3.60E-06	0.00E+00	1.88E-02
	CE 144	1.63E-02	1.66E-03	2.28E-04	0.00E+00	1.16E-03	0.00E+00	1.01E+00
	CO 57	0.00E+00	1.79E-04	3.17E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-03
	CO 58	0.00E+00	1.85E-01	4.42E-01	0.00E+00	0.00E+00	0.00E+00	2.81E+00
	CO 60	0.00E+00	1.53E-01	3.60E-01	0.00E+00	0.00E+00	0.00E+00	2.15E+00
	CR 51	0.00E+00	0.00E+00	2.44E-04	1.03E-04	5.94E-05	3.71E-04	4.31E-02
	CS 134	5.52E+00	3.22E+00	2.81E+00	0.00E+00	1.23E+00	4.23E-01	4.22E-02
	CS 136	3.53E-04	3.41E-04	2.62E-04	0.00E+00	2.24E-04	3.18E-05	2.90E-05
	CS 137	5.54E+01	1.85E+01	1.30E+01	0.00E+00	7.42E+00	2.56E+00	2.69E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.12E+00	3.59E-01	8.92E-02	0.00E+00	0.00E+00	2.45E-01	1.54E-01
	FE 59	6.47E-02	3.72E-02	1.52E-02	0.00E+00	0.00E+00	1.27E-02	9.30E-02
	H 3	0.00E+00	7.72E+01	8.23E+01	5.79E+01	9.10E+01	9.44E+01	5.78E+01
	HF 181	3.19E-05	4.26E-05	3.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.34E-03	7.02E-04	2.45E-03	1.36E+00	1.78E-03	0.00E+00	8.31E-05
	I 131	4.72E-01	1.65E-01	1.01E-01	4.07E+01	3.34E-01	0.00E+00	3.27E-02
	I 132	1.18E-09	7.71E-10	2.88E-10	2.02E-08	1.45E-09	0.00E+00	1.09E-10
	I 133	8.50E-04	3.62E-04	1.18E-04	3.99E-02	7.44E-04	0.00E+00	2.44E-04
	LA 140	6.68E-05	8.25E-06	2.32E-06	0.00E+00	0.00E+00	0.00E+00	4.54E-01
	LA 141	5.33E-09	4.05E-10	7.07E-11	0.00E+00	0.00E+00	0.00E+00	3.62E-05
	MN 54	0.00E+00	7.82E-02	1.59E-02	0.00E+00	2.74E-02	0.00E+00	1.80E-01
	MO 99	0.00E+00	1.92E-03	3.89E-04	0.00E+00	5.11E-03	0.00E+00	3.33E-03
	NA 24	1.26E-04	3.09E-05	3.29E-05	2.32E-05	3.64E-05	3.77E-05	2.31E-05
	NB 95	3.90E-03	5.32E-04	3.05E-04	0.00E+00	6.19E-04	0.00E+00	2.42E+00
	NP 239	1.01E-06	2.44E-08	1.43E-08	0.00E+00	8.95E-08	0.00E+00	3.74E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.26E-04	0.00E+00	1.04E-04	0.00E+00	1.02E-03	0.00E+00	1.98E-02
	RU 105	5.19E-09	0.00E+00	5.35E-10	0.00E+00	1.93E-08	0.00E+00	5.82E-07
	SB 122	4.93E-04	2.37E-06	3.75E-05	1.27E-06	0.00E+00	7.68E-05	2.65E-02

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *					
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
ADULT (CONTINUED)								
	SB 124	2.16E+00	1.00E-02	2.24E-01	9.65E-04	0.00E+00	5.05E-01	1.13E+01
	SB 125	8.02E+00	2.19E-02	4.99E-01	1.50E-03	0.00E+00	1.85E+00	1.62E+01
	SB 126	1.53E-02	7.65E-05	1.45E-03	1.73E-05	0.00E+00	2.82E-03	2.30E-01
	SN 113	1.15E-01	7.76E-04	1.72E-03	3.45E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.42E-03	9.20E-06	2.85E-05	4.09E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.04E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	0.00E+00	3.07E-02
	SR 90	2.48E+01	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	1.15E-01
	TC 99M	1.03E-08	7.11E-09	9.66E-08	0.00E+00	1.27E-07	4.26E-09	3.15E-06
	TE 132	1.58E-03	2.51E-04	2.51E-04	2.08E-04	2.85E-03	0.00E+00	8.89E-03
	Y 90	1.96E-05	0.00E+00	1.37E-07	0.00E+00	0.00E+00	0.00E+00	3.82E-02
	ZN 65	5.04E-03	3.93E-03	1.89E-03	0.00E+00	3.10E-03	0.00E+00	1.85E-03
	ZR 95	1.26E-02	9.91E-04	7.15E-04	0.00E+00	1.83E-03	0.00E+00	2.35E+00

AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
TEENAGER	AG 110M	2.92E-02	8.34E-03	6.07E-03	0.00E+00	1.96E-02	0.00E+00	1.93E+00
	BA 140	1.91E-01	7.06E-05	4.44E-03	0.00E+00	2.95E-05	6.07E-05	7.31E-02
	BE 7	1.71E-06	1.16E-06	6.85E-07	0.00E+00	1.52E-06	0.00E+00	1.17E-04
	CE 141	4.21E-05	8.48E-06	1.16E-06	0.00E+00	4.92E-06	0.00E+00	2.00E-02
	CE 144	1.73E-02	2.16E-03	3.35E-04	0.00E+00	1.59E-03	0.00E+00	1.08E+00
	CO 57	0.00E+00	2.23E-04	4.47E-04	0.00E+00	0.00E+00	0.00E+00	3.43E-03
	CO 58	0.00E+00	2.21E-01	6.10E-03	0.00E+00	0.00E+00	0.00E+00	2.51E+00
	CO 60	0.00E+00	1.84E-01	4.97E-01	0.00E+00	0.00E+00	0.00E+00	1.98E+00
	CR 51	0.00E+00	0.00E+00	3.40E-04	1.18E-04	7.69E-05	5.20E-04	3.94E-02
	CS 134	5.54E+00	3.93E+00	2.18E+00	0.00E+00	1.54E+00	6.11E-01	4.03E-02
	CS 136	3.47E-04	4.12E-04	3.31E-04	0.00E+00	2.77E-04	4.53E-05	2.73E-05
	CS 137	5.80E+01	2.33E+01	9.70E+00	0.00E+00	9.77E+00	3.94E+00	2.73E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.17E+00	4.65E-01	1.30E-01	0.00E+00	0.00E+00	3.77E-01	1.66E-01
	FE 59	6.52E-02	4.59E-02	2.12E-02	0.00E+00	0.00E+00	1.85E-02	8.94E-02
	H 3	0.00E+00	7.15E+01	6.55E+01	5.35E+01	8.82E+01	9.15E+01	5.89E+01
	HF 181	3.40E-05	5.55E-05	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.54E-03	8.99E-04	1.79E-03	8.19E-01	1.98E-03	0.00E+00	8.63E-05
	I 131	4.95E-01	2.09E-01	1.34E-01	4.56E+01	4.44E-01	0.00E+00	3.41E-02
	I 132	1.21E-09	9.52E-10	4.09E-10	2.40E-08	1.85E-09	0.00E+00	3.41E-10
	I 133	8.97E-04	4.59E-04	1.67E-04	4.79E-02	9.93E-04	0.00E+00	2.86E-04
	LA 140	6.93E-05	1.03E-05	3.27E-06	0.00E+00	0.00E+00	0.00E+00	4.86E-01
	LA 141	5.67E-09	5.26E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	7.68E-05
	MN 54	0.00E+00	9.28E-02	2.20E-02	0.00E+00	3.41E-02	0.00E+00	1.57E-01
	MO 99	0.00E+00	2.46E-03	5.62E-04	0.00E+00	6.95E-03	0.00E+00	3.63E-03
	NA 24	1.27E-04	3.84E-05	4.59E-05	2.87E-05	4.73E-05	4.91E-05	3.16E-05
	NB 95	3.84E-03	6.43E-04	4.24E-04	0.00E+00	7.69E-04	0.00E+00	2.27E+00
	NP 239	1.12E-06	3.17E-08	2.11E-08	0.00E+00	1.23E-07	0.00E+00	4.20E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.52E-04	0.00E+00	1.47E-04	0.00E+00	1.25E-03	0.00E+00	1.98E-02
	RU 105	5.47E-09	0.00E+00	7.66E-10	0.00E+00	2.57E-08	0.00E+00	1.10E-06
	SB 122	5.25E-04	3.08E-06	5.51E-05	1.56E-06	0.00E+00	1.27E-04	2.81E-02
	SB 124	2.23E+00	1.24E-02	3.14E-01	1.14E-03	0.00E+00	7.52E-01	1.12E+01
	SB 125	8.28E+00	2.73E-02	6.99E-01	1.79E-03	0.00E+00	2.81E+00	1.60E+01
	SB 126	1.58E-02	9.76E-05	2.05E-03	2.02E-05	0.00E+00	4.38E-03	2.33E-01
	SN 113	1.22E-01	1.01E-03	2.53E-03	4.21E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.51E-03	1.20E-05	4.19E-05	4.99E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.11E+00	0.00E+00	1.15E-02	0.00E+00	0.00E+00	0.00E+00	3.29E-02
	SR 90	2.17E+01	0.00E+00	1.56E-01	0.00E+00	0.00E+00	0.00E+00	1.23E-01
	TC 99M	1.03E-08	8.66E-09	1.34E-07	0.00E+00	1.59E-07	6.15E-09	4.68E-06
	TE 132	1.64E-03	3.13E-04	3.52E-04	2.46E-04	3.70E-03	0.00E+00	8.15E-03
	Y 90	2.08E-05	0.00E+00	2.02E-07	0.00E+00	0.00E+00	0.00E+00	4.27E-02
	ZN 65	4.47E-03	4.69E-03	2.61E-03	0.00E+00	3.70E-03	0.00E+00	1.63E-03
	ZR 95	1.27E-02	1.21E-03	9.98E-04	0.00E+00	2.20E-03	0.00E+00	2.31E+00

* * *	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION	* * *					
AGE GROUP	ISOTOPE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
CHILD								
	AG 110M	2.72E-02	7.97E-03	8.25E-03	0.00E+00	1.86E-02	0.00E+00	1.03E+00
	BA 140	1.98E-01	7.51E-05	6.48E-03	0.00E+00	3.07E-05	5.88E-05	4.72E-02
	BE 7	1.81E-06	1.33E-06	1.13E-06	0.00E+00	1.66E-06	0.00E+00	8.15E-05
	CE 141	4.45E-05	9.62E-06	1.85E-06	0.00E+00	5.30E-06	0.00E+00	1.30E-02
	CE 144	1.83E-02	2.49E-03	5.48E-04	0.00E+00	1.73E-03	0.00E+00	7.04E-01
	CO 57	0.00E+00	2.35E-04	6.17E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-03
	CO 58	0.00E+00	2.09E-01	8.28E-01	0.00E+00	0.00E+00	0.00E+00	1.32E+00
	CO 60	0.00E+00	1.77E-01	6.75E-01	0.00E+00	0.00E+00	0.00E+00	1.06E+00
	CR 51	0.00E+00	0.00E+00	4.64E-04	1.37E-04	6.82E-05	4.76E-04	2.06E-02
	CS 134	5.48E+00	3.90E+00	1.07E+00	0.00E+00	1.52E+00	5.70E-01	2.28E-02
	CS 136	3.36E-04	4.01E-04	3.36E-04	0.00E+00	2.68E-04	4.18E-05	1.53E-05
	CS 137	6.00E+01	2.49E+01	4.76E+00	0.00E+00	1.02E+01	3.83E+00	1.69E-01
	CS 138	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	FE 55	2.34E+00	5.38E-01	2.16E-01	0.00E+00	0.00E+00	4.00E-01	1.08E-01
	FE 59	6.49E-02	4.55E-02	2.94E-02	0.00E+00	0.00E+00	1.73E-02	5.15E-02
	H 3	0.00E+00	6.99E+01	9.05E+01	4.82E+01	8.78E+01	9.18E+01	7.59E+01
	HF 181	3.61E-05	6.39E-05	8.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	I 129	3.74E-03	9.96E-04	1.15E-03	4.49E-01	2.11E-03	0.00E+00	5.44E-05
	I 131	5.15E-01	2.25E-01	1.65E-01	5.13E+01	4.63E-01	0.00E+00	2.17E-02
	I 132	1.22E-09	9.76E-10	5.81E-10	3.12E-08	1.88E-09	0.00E+00	1.25E-09
	I 133	9.36E-04	5.01E-04	2.46E-04	6.43E-02	1.05E-03	0.00E+00	2.19E-04
	LA 140	7.13E-05	1.08E-05	4.72E-06	0.00E+00	0.00E+00	0.00E+00	3.27E-01
	LA 141	6.00E-09	6.06E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	1.46E-04
	MN 54	0.00E+00	8.56E-02	2.95E-02	0.00E+00	3.01E-02	0.00E+00	7.80E-02
	MO 99	0.00E+00	2.76E-03	8.86E-04	0.00E+00	7.41E-03	0.00E+00	2.48E-03
	NA 24	1.14E-04	4.92E-05	6.38E-05	3.40E-05	6.18E-05	6.46E-05	5.34E-05
	NB 95	3.73E-03	6.29E-04	5.82E-04	0.00E+00	7.42E-04	0.00E+00	1.26E+00
	NP 239	1.18E-06	3.67E-08	3.34E-08	0.00E+00	1.33E-07	0.00E+00	2.95E-03
	PR 144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RB 88	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	RU 103	9.66E-04	0.00E+00	2.09E-04	0.00E+00	1.32E-03	0.00E+00	1.18E-02
	RU 105	5.73E-09	0.00E+00	1.17E-09	0.00E+00	2.74E-08	0.00E+00	1.76E-06
	SB 122	5.56E-04	3.54E-06	9.07E-05	2.20E-06	0.00E+00	1.29E-04	2.06E-02
	SB 124	2.27E+00	1.27E-02	4.46E-01	1.50E-03	0.00E+00	7.16E-01	6.67E+00
	SB 125	8.47E+00	2.83E-02	9.96E-01	2.35E-03	0.00E+00	2.69E+00	9.52E+00
	SB 126	1.55E-02	1.03E-04	3.13E-03	2.72E-05	0.00E+00	4.21E-03	1.47E-01
	SN 113	1.30E-01	1.16E-03	4.18E-03	5.91E-04	0.00E+00	0.00E+00	0.00E+00
	SN 117M	1.60E-03	1.38E-05	6.91E-05	7.04E-06	0.00E+00	0.00E+00	0.00E+00
	SR 89	1.18E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	2.15E-02
	SR 90	1.93E+01	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	8.11E-02
	TC 99M	1.01E-08	8.62E-09	1.85E-07	0.00E+00	1.57E-07	5.75E-09	5.33E-06
	TE 132	1.68E-03	3.22E-04	5.03E-04	3.23E-04	3.75E-03	0.00E+00	3.52E-03
	Y 90	2.21E-05	0.00E+00	3.33E-07	0.00E+00	0.00E+00	0.00E+00	2.97E-02
	ZN 65	3.77E-03	4.35E-03	3.51E-03	0.00E+00	3.44E-03	0.00E+00	8.30E-04
	ZR 95	1.27E-02	1.21E-03	1.40E-03	0.00E+00	2.18E-03	0.00E+00	1.37E+00

-----CUMULATIVE TOTAL-----

PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
DRINKING	CUMUL TOTAL	2.08E+08	6.49E-02	2.18E-01	1.94E-01	2.98E-01	1.82E-01	1.75E-01	2.66E-01

HYDROSPHERE TRITIUM DOSE

AVERAGE INDIVIDUAL WATER CONSUMPTION = 3.0 L/DAY

PATHWAY	AGE GROUP	USAGE	BONE	LIVER	TOTAL BODY	THYROID	KIDNEY	LUNG	GI-LLI
WATER	TOTAL	2.86E+11	0.00E+00	1.96E-03	1.96E-03	1.96E-03	1.96E-02	1.96E-03	1.96E-03

* * * RECREATION POPULATION DOSES * * *

LOCATION- DOWN STREAM SWIMMING

DILUTION= 7.30E+00

TRANSIT TIME= 6.70E-01 HR

SWF= 0.2

DOSE (PERSON-REM)

PATHWAY	AGE GROUP	USAGE	SKIN	TOTAL BODY	THYROID
SHORELINE	TOTAL POPUL	4.10E+07	3.34E-01	2.82E-01	2.89E-01

* * *	INDIVIDUAL	ISOTOPE	PERCENT CONTRIBUTION	* * *
AGE GROUP	SKIN	TOTAL BODY		

ADULT

AG 110M	2.31E+00	2.29E+00
BA 140	6.79E-04	6.86E-04
BE 7	0.00E+00	0.00E+00
CE 141	2.01E-04	2.06E-04
CE 144	8.05E-03	8.04E-03
CO 57	2.59E-03	2.73E-03
CO 58	1.37E+00	1.35E+00
CO 60	2.38E+01	2.34E+01
CR 51	5.97E-03	5.84E-03
CS 134	2.13E+00	2.11E+00
CS 136	2.96E-05	3.01E-05
CS 137	3.16E+01	3.13E+01
CS 138	2.28E-07	2.30E-07
FE 55	0.00E+00	0.00E+00
FE 59	1.46E-02	1.43E-02
H 3	0.00E+00	0.00E+00
HF 181	0.00E+00	0.00E+00
I 129	8.86E-03	6.14E-03
I 131	7.92E-03	7.53E-03
I 132	2.37E-07	2.33E-07
I 133	1.47E-05	1.39E-05
LA 140	2.94E-03	3.00E-03
LA 141	3.66E-07	3.78E-07
MN 54	3.41E-01	3.36E-01
MO 99	3.46E-05	3.45E-05
NA 24	1.25E-05	1.24E-05
NB 95	3.11E-01	3.05E-01
NP 239	7.32E-06	7.30E-06
PR 144	4.20E-08	4.22E-08
RB 88	7.56E-09	7.64E-09
RU 103	1.94E-03	1.92E-03
RU 105	8.31E-08	8.46E-08
SB 122	0.00E+00	0.00E+00
SB 124	1.62E+00	1.63E+00
SB 125	3.61E+01	3.69E+01
SB 126	4.07E-03	4.18E-03
SN 113	0.00E+00	0.00E+00

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

AGE GROUP SKIN TOTAL BODY

ADULT (CONTINUED)

SN	117M	0.00E+00	0.00E+00
SR	89	2.59E-07	2.57E-07
SR	90	0.00E+00	0.00E+00
TC	99M	8.65E-07	8.71E-07
TE	132	1.23E-05	1.21E-05
Y	90	4.51E-08	4.40E-08
ZN	65	2.68E-03	2.70E-03
ZR	95	3.58E-01	3.57E-01

LOCATION- DOWN STREAM SWIMMING

DILUTION= 7.30E+00

TRANSIT TIME= 6.70E-01 HR

PATHWAY	AGE GROUP	USAGE	SKIN	DOSE (PERSON-REM)	
				TOTAL BODY	THYROID
SWIMMING	TOTAL POPUL	4.10E+07		5.13E-03	5.13E-03
* * *	INDIVIDUAL	ISOTOPE PERCENT CONTRIBUTION	* * *		

AGE GROUP	TOTAL BODY
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ADULT	
AG 110M	7.00E+00
BA 140	3.52E-02
BE 7	0.00E+00
CE 141	4.22E-03
CE 144	2.14E-02
CO 57	6.85E-03
CO 58	1.37E+01
CO 60	1.00E+01
CR 51	1.40E-01
CS 134	1.92E+00
CS 136	1.77E-03
CS 137	5.17E+00
CS 138	5.51E-03
FE 55	3.68E-04
FE 59	2.49E-01
H 3	0.00E+00
HF 181	0.00E+00
I 129	1.29E-04
I 131	7.35E-01
I 132	1.77E-03
I 133	1.17E-02
LA 140	1.37E+00
LA 141	1.32E-03
MN 54	7.83E-01
MO 99	8.74E-03
NA 24	1.74E-02
NB 95	6.70E+00
NP 239	2.20E-03
PR 144	2.77E-03
RB 88	5.95E-04
RU 103	3.39E-02
RU 105	3.44E-04
SB 122	0.00E+00
SB 124	2.10E+01
SB 125	2.60E+01
SB 126	2.56E-01
SN 113	0.00E+00

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

AGE GROUP TOTAL BODY

ADULT (CONTINUED)

SN	117M	0.00E+00
SR	89	1.18E-04
SR	90	1.15E-05
TC	99M	2.45E-03
TE	132	2.45E-03
Y	90	2.74E-04
ZN	65	8.56E-03
ZR	95	4.70E+00

LOCATION- DOWN STREAM BOATING

DILUTION= 7.30E+00

TRANSIT TIME= 6.70E-01 HR

PATHWAY	AGE GROUP	USAGE	DOSE (PERSON-REM)		
			SKIN	TOTAL BODY	THYROID
BOATING	TOTAL POPUL	4.10E+07		2.57E-03	2.57E-03
* * *	INDIVIDUAL	ISOTOPE	PERCENT CONTRIBUTION	* * *	
AGE GROUP	TOTAL BODY				
ADULT					

AG 110M	7.00E+00
BA 140	3.52E-02
BE 7	0.00E+00
CE 141	4.22E-03
CE 144	2.14E-02
CO 57	6.85E-03
CO 58	1.37E+01
CO 60	1.00E+01
CR 51	1.40E-01
CS 134	1.92E+00
CS 136	1.77E-03
CS 137	5.17E+00
CS 138	5.51E-03
FE 55	3.68E-04
FE 59	2.49E-01
H 3	0.00E+00
HF 181	0.00E+00
I 129	1.29E-04
I 131	7.35E-01
I 132	1.77E-03
I 133	1.17E-02
LA 140	1.37E+00
LA 141	1.32E-03
MN 54	7.83E-01
MO 99	8.74E-03
NA 24	1.74E-02
NB 95	6.70E+00
NP 239	2.20E-03
PR 144	2.77E-03
RB 88	5.95E-04
RU 103	3.39E-02
RU 105	3.44E-04
SB 122	0.00E+00
SB 124	2.10E+01
SB 125	2.60E+01
SB 126	2.56E-01
SN 113	0.00E+00

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

AGE GROUP TOTAL BODY

ADULT (CONTINUED)

SN 117M	0.00E+00
SR 89	1.18E-04
SR 90	1.15E-05
TC 99M	2.45E-03
TE 132	2.45E-03
Y 90	2.74E-04
ZN 65	8.56E-03
ZR 95	4.70E+00

* * * DOSE TO BIOTA * * *

MRADS PER YEAR

BIOTA	DILUTION= 1.00E+00		TRANSIT TIME= 0.00E+00 HR
	INTERNAL	EXTERNAL	TOTAL
FISH	2.80E+00	2.26E+00	5.06E+00
INVERTEBRATE	9.95E-01	4.51E+00	5.51E+00
ALGAE	2.92E+00	8.01E-03	2.93E+00
MUSKRAT	3.56E+00	1.51E+00	5.06E+00
RACCOON	1.25E+00	1.13E+00	2.37E+00
HERON	1.77E+01	1.50E+00	1.92E+01
DUCK	3.21E+00	2.26E+00	5.46E+00

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

BIOTA	INTERNAL
FISH	
	AG 110M 4.72E-03
	BA 140 1.29E-03
	BE 7 0.00E+00
	CE 141 3.46E-05
	CE 144 2.01E-03
	CO 57 3.90E-04
	CO 58 2.13E-01
	CO 60 1.58E-01
	CR 51 9.91E-03
	CS 134 2.10E+00
	CS 136 1.44E-03
	CS 137 1.69E+01
	CS 138 4.88E-02
	FE 55 2.46E-02
	FE 59 1.32E-02
	H 3 2.16E-01
	HF 181 0.00E+00
	I 129 3.34E-05
	I 131 1.85E-02
	I 132 2.82E-05
	I 133 5.49E-04
	LA 140 3.81E-02
	LA 141 4.31E-03
	MN 54 6.51E-02
	MO 99 4.84E-04
	NA 24 1.09E-03
	NB 95 8.00E+01
	NP 239 1.21E-04
	PR 144 4.68E-02
	RB 88 6.24E-02
	RU 103 2.92E-04

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

BIOTA INTERNAL

FISH (CONTINUED)

RU 105	9.88E-06
SB 122	0.00E+00
SB 124	1.75E-02
SB 125	2.31E-02
SB 126	0.00E+00
SN 113	0.00E+00
SN 117M	0.00E+00
SR 89	2.66E-03
SR 90	4.44E-03
TC 99M	1.35E-04
TE 132	9.40E-03
Y 90	3.05E-03
ZN 65	3.71E-03
ZR 95	1.61E-02

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

INTERNAL

BIOTA

INVERTEBRATE

AG 110M	4.45E+00
BA 140	1.82E-01
BE 7	0.00E+00
CE 141	9.74E-02
CE 144	5.66E+00
CO 57	4.40E-03
CO 58	2.39E+00
CO 60	1.77E+00
CR 51	2.79E-01
CS 134	2.95E+00
CS 136	2.03E-03
CS 137	2.38E+01
CS 138	6.87E-02
FE 55	2.22E+00
FE 59	1.19E+00
H 3	6.08E-01
HF 181	0.00E+00
I 129	3.14E-05
I 131	1.73E-02
I 132	2.64E-05
I 133	5.15E-04
IA 140	4.29E+00
LA 141	4.86E-01
MN 54	4.13E+01
MO 99	1.36E-03
NA 24	6.12E-03
NB 95	7.51E-01
NP 239	1.36E-02
PR 144	5.27E+00
RB 88	8.79E-02
RU 103	2.46E-02
RU 105	8.35E-04
SB 122	0.00E+00
SB 124	4.94E-01
SB 125	6.50E-01
SB 126	0.00E+00
SN 113	0.00E+00
SN 117M	0.00E+00
SR 89	2.49E-02
SR 90	4.17E-02
TC 99M	1.27E-04
TE 132	4.04E-01
Y 90	3.43E-01
ZN 65	5.23E-02
ZR 95	3.18E-02

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

BIOTA
ALGAE

	INTERNAL
AG 110M	3.94E-01
BA 140	1.55E-01
BE 7	0.00E+00
CE 141	1.33E-01
CE 144	7.72E+00
CO 57	1.50E-03
CO 58	8.16E-01
CO 60	6.05E-01
CR 51	1.90E-01
CS 134	5.03E-01
CS 136	3.47E-04
CS 137	4.06E+00
CS 138	1.17E-02
FE 55	2.36E-01
FE 59	1.27E-01
H 3	2.07E-01
HF 181	0.00E+00
I 129	8.56E-05
I 131	4.73E-02
I 132	7.21E-05
I 133	1.41E-03
LA 140	7.31E+00
LA 141	8.28E-01
MN 54	1.56E+00
MO 99	4.65E-02
NA 24	5.21E-03
NB 95	2.05E+00
NP 239	3.47E-03
PR 144	8.99E+00
RB 88	3.00E-02
RU 103	5.60E-02
RU 105	1.90E-03
SB 122	0.00E+00
SB 124	2.53E+01
SB 125	3.32E+01
SB 126	0.00E+00
SN 113	0.00E+00
SN 117M	0.00E+00
SR 89	4.25E-02
SR 90	7.11E-02
TC 99M	3.47E-04
TE 132	2.26E-03
Y 90	5.85E-01
ZN 65	3.57E-02
ZR 95	4.67E+00

* * * BIOTA * * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * * * *
 MUSKRAE INTERNAL

AG 110M	5.82E-03
BA 140	1.68E-02
BE 7	0.00E+00
CE 141	5.33E-05
CE 144	1.69E-02
CO 57	6.54E-04
CO 58	5.98E-01
CO 60	4.83E-01
CR 51	6.95E-03
CS 134	1.11E+01
CS 136	1.01E-03
CS 137	7.21E+01
CS 138	3.70E-05
FE 55	1.67E+00
FE 59	1.22E-01
H 3	1.39E+00
HF 181	0.00E+00
I 129	1.80E-03
I 131	5.33E-02
I 132	1.20E-06
I 133	1.69E-04
LA 140	1.98E-04
LA 141	1.53E-06
MN 54	9.69E-01
MO 99	8.21E-03
NA 24	5.77E-04
NB 95	1.79E-03
NP 239	1.02E-07
PR 144	1.24E-06
RB 88	4.48E-05
RU 103	1.94E-03
RU 105	1.75E-06
SB 122	0.00E+00
SB 124	3.12E+00
SB 125	6.86E+00
SB 126	0.00E+00
SN 113	0.00E+00
SN 117M	0.00E+00
SR 89	7.44E-02
SR 90	1.22E+00
TC 99M	1.94E-06
TE 132	3.05E-04
Y 90	1.80E-05
ZN 65	2.35E-01
ZR 95	5.81E-03

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

BIOTA
RACCOON

	INTERNAL
AG 110M	1.41E-02
BA 140	3.67E-03
BE 7	0.00E+00
CE 141	6.52E-06
CE 144	2.01E-03
CO 57	3.56E-04
CO 58	3.74E-01
CO 60	3.01E-01
CR 51	2.13E-03
CS 134	1.31E+01
CS 136	1.23E-03
CS 137	7.69E+01
CS 138	3.85E-05
FE 55	2.54E+00
FE 59	2.30E-01
H 3	6.60E-01
HF 181	0.00E+00
I 129	1.07E-04
I 131	3.49E-03
I 132	8.42E-08
I 133	1.09E-05
LA 140	2.16E-05
LA 141	1.46E-07
MN 54	5.67E+00
MO 99	4.06E-05
NA 24	1.32E-04
NB 95	1.37E-04
NP 239	6.62E-08
PR 144	1.18E-07
RB 88	2.17E-05
RU 103	1.64E-04
RU 105	1.35E-07
SB 122	0.00E+00
SB 124	1.17E-02
SB 125	2.56E-02
SP 126	0.00E+00
SN 113	0.00E+00
SN 117M	0.00E+00
SR 89	7.08E-03
SR 90	1.16E-01
TC 99M	1.21E-07
TE 132	1.04E-02
Y 90	1.71E-06
ZN 65	7.57E-02
ZR 95	2.28E-05

* * * INDIVIDUAL ISOTOPE PERCENT CONTRIBUTION * * *

INTERNAL

BIOTA
HERON

AG 110M	2.32E-05
BA 140	4.06E-05
BE 7	0.00E+00
CE 141	3.60E-09
CE 144	1.11E-06
CO 57	4.92E-05
CO 58	5.16E-02
CC 60	4.15E-02
CR 51	1.17E-04
CS 134	1.44E+01
CS 136	1.36E-03
CS 137	8.50E+01
CS 138	4.25E-05
FE 55	4.39E-02
FE 59	3.97E-03
H 3	3.65E-01
HF 181	0.00E+00
I 129	1.77E-04
I 131	5.79E-03
I 132	1.40E-07
I 133	1.80E-05
LA 140	2.99E-07
LA 141	2.02E-09
MN 54	1.39E-02
MO 99	2.24E-05
NA 24	3.65E-05
NB 95	2.27E-02
NP 209	9.15E-10
PR 144	1.63E-09
RB 88	2.40E-05
RU 103	3.02E-06
RU 105	2.48E-09
SB 122	0.00E+00
SB 124	6.45E-04
SB 125	1.43E-03
SB 126	0.00E+00
SN 113	0.00E+00
SN 117M	0.00E+00
SR 89	1.17E-03
SR 90	1.92E-02
TC 99M	2.01E-07
TE 132	3.76E-04
Y 90	2.36E-08
ZN 65	3.36E-03
ZR 95	6.22E-06

BIOTA	INTERNAL	INDIVIDUAL ISOTOPE	PERCENT CONTRIBUTION
DUCK		AG 110M	4.96E-03
		BA 140	1.67E-02
		BE 7	0.00E+00
		CE 141	5.82E-05
		CE 144	1.87E-02
		CO 57	6.46E-04
		CO 58	5.11E-01
		CO 60	4.18E-01
		CR 51	5.51E-03
		CS 134	1.01E+01
		CS 136	8.95E-04
		CS 137	7.30E+01
		CS 138	3.82E-05
		FE 55	1.85E+00
		FE 59	1.12E-01
		H 3	1.54E+00
		HF 181	0.00E+00
		I 129	2.00E-03
		I 131	5.45E-02
		I 132	1.16E-06
		I 133	1.76E-04
		LA 140	1.97E-04
		LA 141	1.70E-06
		MN 54	7.90E-01
		MO 99	8.85E-03
		NA 24	5.46E-04
		NB 95	1.57E-03
		NP 239	1.10E-07
		PR 144	1.37E-06
		RB 88	4.90E-05
		RU 103	1.86E-03
		RU 105	1.83E-06
		SB 122	0.00E+00
		SB 124	3.02E+00
		SB 125	6.87E+00
		SB 126	0.00E+00
		SN 113	0.00E+00
		SN 117M	0.00E+00
		SR 89	8.26E-02
		SR 90	1.35E+00
		TC 99M	2.06E-06
		TE 132	2.92E-04
		Y 90	1.99E-05
		ZN 65	1.96E-01
		ZR 95	5.35E-03

* * * COST-BENEFIT ANALYSIS * * *

NUCLIDE	RELEASE CI/YR	PERSON-REM DOSE		PERSON-REM PER CURIE	
		TOTAL BODY	THYROID	TOTAL BODY	THYROID
47AG 110M	9.35E-03	7.16E-03	7.15E-03	7.66E-01	7.65E-01
56BA 140	4.71E-04	1.24E-05	4.69E-06	2.64E-02	9.96E-03
4BE 7	2.90E-05	1.22E-09	0.00E+00	4.21E-05	0.00E+00
58CE 141	2.13E-04	9.22E-07	9.20E-07	4.33E-03	4.32E-03
58CE 144	1.63E-03	2.55E-05	2.49E-05	1.56E-02	1.53E-02
27CO 57	2.04E-04	9.22E-06	8.40E-06	4.52E-02	4.12E-02
27CO 58	5.00E-02	6.07E-03	4.95E-03	1.21E-01	9.90E-02
27CO 60	1.42E-02	6.92E-02	6.83E-02	4.86E+00	4.80E+00
24CR 51	1.77E-02	2.84E-05	2.81E-05	1.60E-03	1.59E-03
55CS 134	4.33E-03	2.61E-02	6.25E-03	6.03E+00	1.44E+00
55CS 136	2.83E-06	1.99E-06	2.23E-07	7.01E-01	7.89E-02
55CS 137	3.39E-02	1.82E-01	9.08E-02	5.39E+00	2.68E+00
55CS 138	2.14E-05	4.25E-07	4.25E-07	1.99E-02	1.99E-02
26FE 55	3.76E-02	2.65E-04	2.83E-08	7.05E-03	7.52E-07
26FE 59	7.41E-04	1.02E-04	6.06E-05	1.37E-01	8.17E-02
1H 3	2.57E+02	1.64E-01	1.64E-01	6.38E-04	6.38E-04
72HF 181	3.38E-04	9.69E-09	0.00E+00	2.87E-05	0.00E+00
53I 129	4.97E-05	2.20E-05	3.28E-03	4.42E-01	6.59E+01
53I 131	6.18E-03	3.10E-04	1.33E-01	5.01E-02	2.14E+01
53I 132	3.22E-06	1.37E-07	1.37E-07	4.25E-02	4.25E-02
53I 133	8.19E-05	1.24E-06	1.43E-04	1.51E-02	1.74E+00
57LA 140	2.22E-03	1.14E-04	1.14E-04	5.15E-02	5.15E-02
57LA 141	1.91E-04	1.03E-07	1.03E-07	5.39E-04	5.38E-04
25MN 54	3.42E-03	1.09E-03	1.03E-03	3.19E-01	3.01E-01
42MO 99	1.23E-04	1.77E-06	7.72E-07	1.44E-02	6.30E-03
11NA 24	1.51E-05	1.46E-06	1.46E-06	9.66E-02	9.66E-02
41NB 95	3.14E-02	1.43E-03	1.40E-03	4.55E-02	4.46E-02
93NP 239	6.06E-05	1.91E-07	1.91E-07	3.15E-03	3.15E-03
59PR 144	1.63E-03	2.14E-07	2.14E-07	1.31E-04	1.31E-04
37RB 88	1.55E-05	4.58E-08	4.58E-08	2.96E-03	2.96E-03
44RU 103	2.50E-04	8.40E-06	8.15E-06	3.37E-02	3.26E-02
44RU 105	2.08E-06	2.67E-08	2.67E-08	1.28E-02	1.28E-02
51SB 122	1.49E-04	9.84E-08	4.62E-09	6.61E-04	3.10E-05
51SB 124	3.82E-02	6.86E-03	6.32E-03	1.79E-01	1.65E-01
51SB 125	2.19E-01	1.10E-01	1.09E-01	5.02E-01	4.97E-01
51SB 126	6.99E-04	3.54E-05	3.18E-05	5.06E-02	4.55E-02
50SN 113	7.14E-04	2.25E-05	6.26E-06	3.16E-02	8.76E-03
50SN 117M	3.44E-05	3.02E-07	6.03E-08	8.80E-03	1.75E-03
38SR 89	1.68E-04	2.12E-05	9.82E-09	1.26E-01	5.85E-05
38SR 90	1.39E-04	3.07E-04	8.82E-10	2.21E+00	6.35E-06
43TC 99M	7.21E-05	1.91E-07	1.91E-07	2.65E-03	2.65E-03
52TE 132	4.03E-05	9.33E-07	1.06E-06	2.31E-02	2.63E-02
39Y 90	1.39E-04	2.16E-08	2.12E-08	1.55E-04	1.53E-04
30ZN 65	5.10E-05	2.56E-05	8.45E-06	5.02E-01	1.66E-01
40ZR 95	2.05E-02	1.39E-03	1.39E-03	6.80E-02	6.79E-02
TOTAL		5.77E-01	5.96E-01		