

Dose and Curie Corrections 1988 - 1990

The following data tabulations include changes to the SRERRs submitted from 1988 to 1990 as a result of the inoperable flow monitor for the Turbine Building/Heater Bay ventilation system (LER 91-012).

1988 Quarter 1 - No Corrections

1988 Quarter 2

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	4.53E+00	4.76E+00

Population Doses

Total Body (rem)	N/A
Thyroid (rem)	N/A

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	3.40E+00	3.53E+00

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	3.37E-02	3.75E-02
Avg. Release Rate (uCi/sec)	4.29E-03	4.77E-03
Isotopes (Ci) I133	1.79E-02	2.13E-02

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	4.9E-01	7.6E-01

Dose and Curie Corrections 1988 - 1990

1988 Quarter 1 & 2

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	4.56E+00	4.79E+00

Population Doses

Total Body (rem)	N/A
Thyroid (rem)	N/A

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	3.40E+00	3.53E+00

Attachment 5 Gaseous Effluents

Iodines

	From	To
Total Iodine 131 (Ci)	N/A	See individual quarters
Avg. Release Rate (uCi/sec)		
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	4.9E-01	7.6E-01

1988 Quarter 3

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	N/A	

Population Doses

Total Body (rem)	N/A
Thyroid (rem)	N/A

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	N/A	

Attachment 5 Gaseous Effluents

Iodines

	From	To
Total Iodine 131 (Ci)	6.65E-03	6.73E-03
Avg. Release Rate (uCi/sec)	8.37E-04	8.46E-04
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	9.9E-02	1.6E-01

Dose and Curie Corrections 1988 - 1990

1988 Quarter 4 - No Corrections

1988 Quarter 3 & 4

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	N/A	

Population Doses

Total Body (rem)	N/A	
Thyroid (rem)	N/A	

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	N/A	

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)		
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)		

Dose and Curie Corrections 1988 - 1990

1988 YEAR

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	6.19E+00	6.42E+00

Population Doses

Total Body (rem)	N/A
Thyroid (rem)	N/A

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	4.55E+00	4.67E+00

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/A	
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	6.7E-01	1.0E+00

1989 Quarter 1 - No Corrections

Dose and Curie Corrections 1988 - 1990

1989 Quarter 2 - No Corrections

1989 Quarter 1 & 2 - No Corrections

Dose and Curie Corrections 1988 - 1990

1989 Quarter 3

Attachment 1 Radiological Impact on Man (Dose Summaries)		
Summary of Maximum Individual Doses		
Iodine & Particulates (mrem)	From	To
	5.68E-03	5.86E-03
Population Doses		
Total Body (rem)	N/A	
Thyroid (rem)	N/A	
Attachment 2 Radiological Impact on Man (Land Based Sectors)		
Iodine & Particulates (mrem)	From	To
	4.43E-03	4.45E-03
Attachment 5 Gaseous Effluents		
Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/A	
Isotopes (Ci) I133	4.38E-05	5.21E-05
Onsite doses For Gaseous Effluents		
Total Body (mrem)	From	To
Organ (mrem)	N/A	

1989 Quarter 4

Attachment 1 Radiological Impact on Man (Dose Summaries)		
Summary of Maximum Individual Doses		
Iodine & Particulates (mrem)	From	To
	2.87E-02	3.03E-02
Population Doses		
Total Body (rem)	N/A	
Thyroid (rem)	9.8E-03	1.0E-02
Attachment 2 Radiological Impact on Man (Land Based Sectors)		
Iodine & Particulates (mrem)	From	To
	1.39E-02	1.54E-02
Attachment 5 Gaseous Effluents		
Iodines	From	To
Total Iodine 131 (Ci)	8.74E-04	8.84E-04
Avg. Release Rate (uCi/sec)	1.10E-04	1.11E-04
Isotopes (Ci) I133	1.33E-03	1.36E-03
Onsite doses For Gaseous Effluents		
Total Body (mrem)	From	To
Organ (mrem)	7.4E-03	1.1E-02

Dose and Curie Corrections 1988 - 1990

1989 Quarter 3 & 4

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	3.42E-02	3.59E-02

Population Doses

Total Body (rem)	N/A
Thyroid (rem)	N/A

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	1.83E-02	1.98E-02

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/A	
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	7.1E-02	7.4E-02

1989 YEAR

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	1.79E-01	1.80E-01

Population Doses

Total Body (rem)	N/A
Thyroid (rem)	N/A

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	3.58E-02	3.73E-02

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/A	
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	7.7E-02	9.6E-02

Dose and Curie Corrections 1988 - 1990

1990 Quarter 1 - No Corrections

1990 Quarter 2

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	2.04E-01	2.46E-01
Population Doses		
Total Body (rem)	N/A	
Thyroid (rem)	6.4E-02	7.4E-02

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	8.61E-02	1.03E-01

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	2.62E-03	3.17E-03
Avg. Release Rate (uCi/sec)	3.33E-04	4.04E-04
Isotopes (Ci) I133	4.95E-03	5.75E-03

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	2.82E-02	3.2E-02

Dose and Curie Corrections 1988 - 1990

1990 Quarter 1 & 2

Attachment 1 Radiological Impact on Man (Dose Summaries) Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	2.20E-01	2.61E-01

Population Doses

Total Body (rem)	N/A	
Thyroid (rem)	7.2E-02	8.2E-02

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	9.25E-02	1.09E-01

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/a	
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	5.1E-02	5.5E-02

1990 Quarter 3

Attachment 1 Radiological Impact on Man (Dose Summaries) Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	1.07E+00	1.23E-00

Population Doses

Total Body (rem)	N/A	
Thyroid (rem)	2.7E-01	3.0E-01

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	6.94E-01	7.88E-01

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	5.13E-03	5.87E-03
Avg. Release Rate (uCi/sec)	6.46E-04	7.39E-04
Isotopes (Ci)	6.24E-03	7.40E-03

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	1.2E-01	1.4E-01

Dose and Curie Corrections 1988 - 1990

1990 Quarter 4 - No Corrections

1990 Quarter 3 & 4

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	1.07E+00	1.23E+00
Population Doses		
Total Body (rem)	N/A	
Thyroid (rem)	2.7E-01	3.0E-01

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	6.94E-01	7.88E-01

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/A	
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	1.3E-01	1.5E-01

Dose and Curie Corrections 1988 - 1990

1990 YEAR

Attachment 1 Radiological Impact on Man (Dose Summaries)
Summary of Maximum Individual Doses

	From	To
Iodine & Particulates (mrem)	1.25E+00	1.46E+00

Population Doses

Total Body (rem)	N/A	
Thyroid (rem)	3.4E-01	3.9E-01

Attachment 2 Radiological Impact on Man (Land Based Sectors)

	From	To
Iodine & Particulates (mrem)	7.84E-01	8.95E-01

Attachment 5 Gaseous Effluents

Iodines	From	To
Total Iodine 131 (Ci)	N/A	
Avg. Release Rate (uCi/sec)	N/A	
Isotopes (Ci)		

Onsite doses For Gaseous Effluents

	From	To
Total Body (mrem)	N/A	
Organ (mrem)	1.5E-01	1.8E-01