1990 BRAIDWOOD AKNUAL ENVIRONMENTAL OPERATING REPORT

PAGE	SECTION/T	CHANGE
6	5.1/11	Add the following sentence to the end of the first paragraph.
		A total of 73 TLD locations measured direct radiation around the station during 1990.
7	5.1/11 1	Add the following statement to paragraph 1.
		However, since the charcoal cartridges used to capture airborne I-131 were counted in batch mode, that is more than one at a time, it is possible that approximately 10% of the samples did not attain the design LLD of 0.07 pC1/m ³ , the average LLD of these cartridges was approximately 0.09 pC1/m ³ . It should be noted that charcoal cartridges are routinely analyzed from nine locations, the ODCM requires only five.

43

1

Table 5.0-2 Add the following information as sections 9 and 10.

Sample	Location		Collection	Type of	Frequency	Remarks	
Media	Code	Site	Frequency	Analysis	of Analysis	and the second secon	
9. Public Water	BD-22	Wilmington	Weekly	Gamma Isot Gross Beta Tritium	Monthly Monthly Quarterly	Monthly Composite Monthly Composite Quarterly Composite	
10.Cooling Water	BD-08 BD-09	Intake Pipe Discharge	Weekly	Gross Beta	Weekly	On all Samples	

43 Table 5.0-2 Renumber sections 9 and 10 as 11 and 12.
44 Table 5.0-2 Renumber section 11 and 12 as 13 and 14.

Page 1 of 6

1990 BRAIDHOOD ANNUAL ENVIRONMENTAL OPERATING REPORT

PAGE	SECTION/T	CHANGE
45, 47 49, 52	Tables 5.0-3, 5.0-4, 5.0-5 5.0-6	Revise the first column of the listed tables from Gamma Background to read as follows:
	5.0-0	Air Sampling Stations Gamma Background (TLDs) (mR/Qrt)
45	Table 5.0-3,	Add the following information to Table 5.0-3 (First Quarter). This section summerizes the data for the inner and outer ring TLD locations

Samp.a Types	Type and Number of	LLD	Indicator Locations	Location with Quarterly M		Conitol Locations Mean Range	of Non-
	Analyses		Mean Range	Location	Mean Range		Results
VO Rings Gamma Bkg (TLD) (mR/Qrt)	Gamm Dose 64	3.0	13.7 (64/64) (11.2- 20.6)	210-1,2 4.9mi @ 195 *	20.6 (1/1)	13.9 (1/1)	0

47 Table 5.0-4, Add the following information to Table 5.0-4 (Second Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of Analynes	LLD	Indicator Locations	Location with Quarterly M		Control Locations	Number of Non-
			Mean Range	Location	Mean Range	Mean Range	Results
VO Rings Gamma Bkg (TLD) (mR/Qrt)	Gamm Dose 64	3.0	13.4 (64/64) (11.4- 19.9)	210-1,2 4.9mi @ 195 *	19.9 (1/1)	14.4 (1/1)	0

1990 BRAIDWOOD ANNUAL ENVIRONMENTAL OPERATING REPORT

SECTION/1 PAGE

CHANGE

Add the following information to Table 5.0-5 (Third 49 Table 5.0-5. Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of Analyses	LLD	Indicator Locations	Location with Quarterly M		Control Locations	Number of Non-
.,,,,			Mean Range	Location	Mean Range	Mean Range	routine Results
VO Rings Gamma Bkg (TLD) (mR/Qrt)	Gamm Dose 64	3.0	13.6 (64/64) (10.7- 20.9)	210-1,2 4.9mi @ 195 *	20.9 (1/1)	14.3 (1/1)	0

52 Table 5.0-6.

Add the following information to Table 5.0-6 (Fourth Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of	Distant Distant		Location with Quarterly N		Control Locations	Number of Non-
	Analyses		Mean Range	Location	Mean Range	Mean Range	routine Results
VO Rings Gamma Bkg (TLD) (mR/Qrt)	Gamm Dose 64	3.0	14.8 (64/64) (11.7- 21.0)	210-1,2 4.9mi @ 195 *	21.0 (1/1)	15.9 (1/1)	0

1990 BRAIDHOOD ANNUAL ENVIRONMENTAL OPERATING REPORT

PAGE	SECTION/1	CHANGE
6	5.1/1 1	Add the following sentence to the end of the first paragraph.
		A total of 73 TLD locations measured direct radiation around the station during 1990.
7	5.1/1 1	Add the following statement to paragraph 1.
		However, since the charcoal cartridges used to capture airborne I-131 were counted in batch mode, that is more than one at a time, it is possible that approximately 10% of the samples did not attain the design LLD cf 0.07 pCi/m ³ , the average LLD of these cartridges was approximately 0.09 pCi/m ³ . It should be noted that charcoal cartridges are routinely analyzed from nine locations, the ODCM requires only five.

43

.

- Table 5.0-2 Add the following information as sections 9 and 10.

Sample	Location		Collection	Type of	Frequency	Remarks	
Media	Code	Site	Frequency	Analysis	of Analysis		
9. Public Water	BD-22	Wilmington	Weekly	Gamma Isot Gruss Beta Tritium	Monthly Monthly Quarterly	Monthly Composite Monthly Composite Quarterly Composite	
10 Cooling Water	8D-08 8D-09	Intake Pipe Discharge	Weekly	Gross Beta	Weekly	On all Samples	

43 Table 5.0-2 Renumber sections 9 and 10 as 11 and 12. Table 5.0-2 Renumber section 11 and 12 as 13 and 14. 44

1990 BRAIDHOOD ANNUAL ENVIRONMENTAL OPERATING REPORT

PAG	GE	SECTION/1	CHANGE
45, 49,		Tables 5.0-3, 5.0-4, 5.0-5 5.0-6	Revise the first column of the listed tables from Gamma Background to read as follows:
		5.0-0	Air Sampling Stations Gamma Background (TLDs) (mR/Qrt)
1.1			Add the following information to Table 5.0-3 (First

45 Table 5.0-3, Add the following information to Table 5.0-3 (First Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of	Type and LLD Indice Number of Locati		Location with Highest Quarterly Mean		Control Locations	Number of Non-
.,,	Analyses		Mean Range	Location	Mean Range	Mean Range	Result
VO Rings Gamma Bkg (TLD) (mPVQrt)	Gamm Dose 84	3.0	13.7 (64/64) (11.2- 20.6)	210-1,2 4.9mi @ 195 *	20.6 (1/1)	13.9 (1/1)	0

47

Table 5.0-4,

Add the following information to Table 5.0-4 (Second Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of	LLD	Indicator	Location with Quarterly M		Control Locations	Number of Non-
1),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Analyses		Mean Range	Location	Mean Range	Mean Range	Results
L/O Rings Gamma Bkg (TLD) (mR/Qrt)	Gamm Dose 64	3.0	13.4 (64/64) (11.4- 19.9)	210-1,2 4.9mi @ 195 *	19.9 (1/1)	14.4 (1/1)	0

EPRATA TO

1990 BRAIDHOOD ANNUAL ENVIRONMENTAL OPERATING REPORT

SECTION/1 PAGE

CHANGE

49

Add the following information to Table 5.0-5 (Third Table 5.0-5. Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of Analyses	LLD	Indicator Locations Mean Range	Location with Highest Quarterly Mean		Control Locations	of Non-
				Location	Mean Range	Mean Range	Results
VO Rings Gamma Bkg (TLD) (mR/Ort)	Gamm Dose 64	3.0	13.6 (64/64) (10.7- 20.9)	210-1,2 4.9mi @ 195 *	20.9 (1/1)	14.3 (1/1)	0

52 Table 5.0-6.

Add the following information to Table 5.0-6 (Fourth Quarter). This section summerizes the data for the inner and outer ring TLD locations

Sample Types	Type and Number of Analyses	U.D.	Indicator Locations Mean Range	Location with Highest Ouarterly Mean		Control Locations	Number of Non-
				Location	Meish Rangs	Mean Range	Results
VO Rings Gamma Bkg (TLD) (mR/Qrt)	Gamm Dose 64	3.0	14.8 (64/64) (11.7- 21.0)	210-1,2 4.9mi @ 195 *	21.0 (1/1)	15.9 (1/1)	0