

BREATHING ZONE SUMMARY FOR CALENDER YEAR 1982  
NATURAL URANIUM CONCENTRATION (uCi/ml)

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
*** PRODUCT (YELLOWCAKE) *** 0103	1.78E-12 1.35E-10 3.19E-11	1.45E-11	3.87E-12	9.24E-12	1.83E-11	1.01E-11	2.24E-11	1.00E-11 2.18E-11				
*** BALL MILL 0104	8.76E-14 2.77E-12		*** (7.78E-13)		2.81E-13		4.08E-12					
*** LEACH 0105		1.42E-12		1.07E-12		1.68E-12		5.92E-13				
*** SX 0107				1.83E-12								
*** CRUSHER OPERATOR 0201		3.28E-12		3.78E-12	4.77E-13	2.26E-12	1.87E-12	9.79E-13				
*** LOADER OPERATOR 0202	3.80E-13		2.74E-12	9.53E-12	7.05E-13	2.98E-12	1.57E-12	(2.83E-13)				
*** TRUCK OPERATOR 0203		1.35E-12	4.22E-12 5.24E-13	5.50E-13	1.17E-12	6.52E-13	(2.59E-13)	1.95E-12				
*** SMPLE PLANT OPERATOR *** 0204				1.89E-12	2.39E-12	1.68E-12						
*** MAINT FOREMAN 0304								2.86E-13				
*** ANLYT SAMPLE PREP 0404						7.98E-13						
*** LABOR SUPERVISOR 0501							(7.89E-13)					
*** RAILROAD MEN 0503	5.50E-13	(6.36E-14)				1.10E-12 3.71E-13	3.03E-12					
*** SCALES 0504					(3.01E-13)							
*** LABORERS 0505			3.07E-13									
*** PLNT HLTH PHYSICIST *** 0802					1.76E-12 4.42E-12							
*** RAD SAFETY TECHS *** 0803		1.06E-12										

OFFICIAL DOCKET COPY

RUN DATE 9/16/82  
TIME 8:17:32

COTTER CORPORATION  
BREATHING ZONE SUMMARY FOR CALENDER YEAR 1982  
NATURAL URANIUM CONCENTRATION (uCi/ml)

CATEGORY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HPC = PRECIP-DRYER OPERATOR					1E-10 uCi/ml							
ALL OTHERS					5E-11 uCi/ml							

B211010561 B20916 PDR  
PDR WASTE  
NM-22

EMPLOYEE JOB CAT U/ug LITERS CONCENTRATION

0842	0103	08 18 82	8.30	559.50	1.00E-11
0842	0103	08 19 82	19.00	591.00	2.18E-11
1396	0105	08 18 82	0.50	571.50	5.92E-13
0450	0201	08 27 82	0.51	352.50	9.79E-13
0415	0202	08 25 82	0.25	598.50	(2.83E-13
1125	0203	08 26 82	1.00	348.00	1.95E-12
2379	0304	08 25 82	0.26	616.50	2.86E-13

MPC = PRECIP-DRYER OPERATOR 1E-10 uCi/ml  
 TRUCK OPERATOR 5E-11 uCi/ml  
 GRIND OPERATOR 5E-11 uCi/ml  
 LOADER OPERATOR 5E-11 uCi/ml  
 SAMPLE PLANT OPERATOR 5E-11 uCi/ml  
 CRUSHER OPERATOR 5E-11 uCi/ml  
 SOLVENT EXTRACTION OPERATOR 5E-11 uCi/ml  
 COUNTER-CURRENT-DECANTATION OPERATOR 5E-11 uCi/ml  
 GENERAL MILL FOREMAN 5E-11 uCi/ml  
 MILL SHIFT FOREMAN 5E-11 uCi/ml  
 MAINTENANCE FOREMAN 5E-11 uCi/ml  
 CRUSHER FOREMAN 5E-11 uCi/ml  
 SAMPLE PREPARATION TECH. 5E-11 uCi/ml  
 INSTRUMENT REPAIR TECH. 5E-11 uCi/ml  
 LABORER 5E-11 uCi/ml  
 OFFICE STAFF PERSONNEL 5E-11 uCi/ml

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