

TABLE 1A

SEMIANNUAL SUMMATION OF GASEOUS RELEASES
ALL AIRBORNE EFFLUENTS

QUARTERS 3 AND 4, 1991

TYPE OF EFFLUENT	UNITS	THIRD QUARTER	FOURTH QUARTER	EST TOTAL ¹ ERROR %
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A. FISSION AND ACTIVATION GASES

1. TOTAL RELEASE	CURIES	3.55E+01	9.55E+01	20
2. AVERAGE RELEASE RATE FOR PERIOD	μ CI/SEC	4.46E+00	1.20E+01	
3. PERCENT OF TECH SPEC LIMIT	%	N/A	N/A	

B. RADIOIODINES

1. TOTAL IODINE-131	CURIES	2.39E-06	1.28E-05	23
2. AVERAGE RELEASE RATE FOR PERIOD	μ CI/SEC	3.01E-07	1.61E-06	
3. PERCENT OF TECH SPEC LIMIT	%	N/A	N/A	

C. PARTICULATES

1. PARTICULATE (HALF-LIVES > 8 DAYS)	CURIES	0.00E+00	2.56E-07	30
2. AVERAGE RELEASE RATE FOR PERIOD	μ CI/SEC	0.00E+00	3.22E-08	
3. PERCENT OF TECH SPEC LIMIT	%	N/A	N/A	
4. GROSS ALPHA RADIOACTIVITY	CURIES	1.10E-06	1.18E-06	

D. TRITIUM

1. TOTAL RELEASE	CURIES	9.00E+00	9.34E+00	14
2. AVERAGE RELEASE RATE FOR PERIOD	μ CI/SEC	1.13E+00	1.18E+00	
3. PERCENT OF TECH SPEC LIMIT	%	N/A	N/A	

TABLE 1B

SEMIANNUAL AIRBORNE CONTINUOUS AND BATCH RELEASES
GROUND LEVEL RELEASES
FISSION GASES, IODINES, AND PARTICULATES

QUARTERS 3 AND 4, 1991

NUCLIDE	UNIT	CONTINUOUS RELEASES		BATCH RELEASES		
		THIRD QUARTER	FOURTH QUARTER	THIRD QUARTER	FOURTH QUARTER	
1. FISSION GASES						
KR-85M	CURIES	4.46E-02	1.05E+00	0.00E+00	0.00E+00	
KR-85	CURIES	0.00E+00	0.00E+00	4.38E-01	7.61E-01	
KR-87	CURIES	0.00E+00	2.94E-01	0.00E+00	0.00E+00	
KR-88	CURIES	0.00E+00	2.05E+00	0.00E+00	0.00E+00	
XE-131M	CURIES	0.00E+00	0.00E+00	9.04E-03	2.70E-02	
XE-133	CURIES	2.98E+01	8.09E+01	8.88E-01	1.93E+00	
XE-133M	CURIES	0.00E+00	0.00E+00	1.77E-03	5.45E-03	
XE-135	CURIES	4.15E+00	8.36E+00	5.72E-03	1.29E-02	
AR-41	CURIES	0.00E+00	0.00E+00	1.00E-01	1.49E-01	
TOTAL FOR PERIOD	CURIES	3.40E+01	9.27E+01	1.44E+00	2.89E+00	
2. IODINES						
I-131	CURIES	6.04E-07	6.75E-06	0.00E+00	2.96E-08	
I-133	CURIES	1.79E-06	5.91E-06	0.00E+00	1.08E-07	
TOTAL FOR PERIOD	CURIES	2.39E-06	1.27E-05	0.00E+00	1.38E-07	
3. PARTICULATES						
SR-90	CURIES	0.00E+00	2.32E-07	0.00E+00	2.45E-08	
G ALPHA	CURIES	1.04E-06	1.13E-06	6.37E-08	5.20E-08	
TOTAL FOR PERIOD	CURIES	1.04E-06	1.36E-06	6.37E-08	7.65E-08	
4. TRITIUM						
H-3	CURIES	8.67E+00	9.15E+00	3.26E-01	1.88E-01	