Atlantic Richfield Hanford Company
Richland, Washington 99352

ARH-CD-370 4Q

**RADIOACTIVITY IN GASEOUS WASTE DISCHARGED FROM THE
SEPARATIONS FACILITIES DURING 1975**

J. D. Anderson

March 12, 1976

**PREPARED FOR THE U.S. ENERGY RESEARCH AND DEVELOPMENT
ADMINISTRATION UNDER CONTRACT E (45-1) 2130**

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ARH-CD-370 4Q

RADIOACTIVITY IN GASEOUS WASTE DISCHARGED
FROM THE SEPARATIONS FACILITIES
DURING 1975

J. D. Anderson

Waste Handling and Plutonium Finishing Process Engineering
Engineering Department
Production and Waste Management Division

March 12, 1976

Operated for the Energy Research and Development Administration
by Atlantic Richfield Hanford Company under Contract E(45-1)-2130

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INTRODUCTION

This document is issued quarterly for the purpose of summarizing the radioactive gaseous wastes that are discharged from facilities of the Production and Waste Management Division, Atlantic Richfield Hanford Company. Data on alpha and beta emissions during 1975 are presented where relevant to the gaseous effluent. Emission data are not included on gaseous wastes produced within the 200 Areas by other Hanford contractors.

SUMMARY

During 1975, approximately 1.33×10^{13} liters of gaseous effluents were monitored for radioactivity by the stack sampling program. A summary of the measured radioactivity was as follows:

Alpha (assumed source - Pu)	1.45×10^{-3} curie
Beta	0.418 curie

DISCUSSION

The volume and activity estimates of the gaseous effluents are detailed on a month-to-month basis for each site. The average activity, maximum activity, and the average concentration

discharged from each stack are also presented for each site.

Identification of stacks was based upon Item 2 of the Bibliography which used 291- as the prefix for 200-foot main stacks and 296- as the prefix for other stacks. Also listed in this report is a summary table which contains a listing of the activity for the current year, from startup and decayed from startup. Discharges from one new stack (296-T-17) are reported.

Gaseous effluents from Production and Waste Management Division stacks are analyzed for alpha and beta activity. The Purex process and the AR Vault waste facilities were not monitored for ^{131}I emission because fuels processing during the report period was suspended. Analyses for other radioisotopes were performed where warranted by the alpha or beta activity level.

The data presented in the tables are to be read as shown by the following examples:

$$.241\text{E}+07 = 0.241 \times 10^{+7}$$

$$.241\text{E}-07 = 0.241 \times 10^{-7}$$

The data in this report supersede that contained in the first three quarters' report (ARH-CD-370 3Q).

SUMMARY OF RADIOACTIVE GAS DISCHARGED TO THE ATMOSPHERE

PAGE 1

200 EAST

200 WEST

TOTAL

FROM 1/1 TO 12/30 1975

VOLUME	L	.445E+13	.883E+13	.133E+14
PU	CI	.743E-03	.699E-03	.145E-02
U	CI	0.	0.	0.
BETA	CI	.403E+00	.145E-01	.413E+00
I131	CI	0.	0.	0.

THROUGH 12/30 1975 (FROM STARTUP)

VOLUME	L	.440E+14	.695E+14	.114E+15
PU	CI	.873E+00	.487E+00	.136E+01
U	CI	0.	.354E-01	.354E-01
BETA	CI	.294E+04	.721E+04	.102E+05
I131	CI	.255E+06	.219E+06	.475E+06

DECAYED THROUGH 12/30 1975 FROM STARTUP)

BETA	CI	.286E+02	.281E+02	.567E+02
I131	CI	0.	0.	0.

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

2

STACK NO. 291-A-1
PLANT CODE (291-A)

296-A-1
(E-1)

FACILITY PUREX

PUREX

FUNCTION AIR FROM 291-A FILTERS. IN-
CLUDES CANYON VENTILATION AIR,
VESSEL, AND CONDENSER VENTS,
TREATED DISSOLVER OFF GAS.

FILTERED AIR FROM N AND O
CELLS AND PR ROOM.

1975	VOL (L)	PU (CI)	BETA (CI)	I-131 (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.974E+11	.280E-04	.322E-03		.565E+10	.201E-06	.949E-05
FEB	.882E+11	.135E-04	.127E-03		.561E+10	.130E-05	.697E-05
MAR	.101E+12	.177E-04	.122E-03		.563E+10	.165E-07	.283E-05
APR	.880E+11	.136E-04	.294E-03		.704E+10	.617E-06	.823E-05
MAY	.973E+11	.908E-05	.695E-03		.564E+10	.834E-06	.588E-05
JUN	.100E+12	.675E-04	.896E-03		.703E+10	.253E-05	.106E-04
JUL	.973E+11	.392E-04	.886E-03		.583E+10	.170E-06	.986E-05
AUG	.879E+11	.125E-04	.106E-02		.563E+10	.157E-05	.823E-05
SEP	.100E+12	.981E-04	.228E-02		.704E+10	.480E-06	.173E-04
OCT	.973E+11	.223E-04	.127E-02		.586E+10	.108E-05	.976E-05
NOV	.848E+11	.452E-04	.882E-03		.533E+10	.118E-04	.227E-04
DEC	.104E+12	.709E-04	.208E-02		.704E+10	.500E-05	.277E-04
ADJ							
MONTHLY TOTALS	.114E+13	.438E-03	.109E-01		.733E+11	.256E-04	.140E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
		.306E-05	.713E-04			.452E-06	.871E-06
AVERAGE RELEASE		.121E-05	.301E-04			.593E-07	.378E-06
AVERAGE CONC.		(UCI/CC)	(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.383E-12	.954E-11			.349E-12	.190E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

3

STACK NO. 296-A-2
PLANT CODE (E-2)

296-A-3
(E-3)

FACILITY PUREX

PUREX

FUNCTION HOOD EXHAUST FROM WEST SAMPLE
GALLERY.

HOOD EXHAUST AIR FROM EAST
SAMPLE GALLERY.

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.391E+10	.912E-06	.356E-04
FEB	.299E+10	.188E-07	.311E-04
MAR	.300E+10	.147E-05	.162E-04
APR	.375E+10	.262E-05	.443E-04
MAY	.299E+10	.355E-06	.409E-04
JUN	.300E+10	.135E-06	.754E-04
JUL	.374E+10	.273E-05	.511E-04
AUG	.299E+10	.150E-05	.350E-04
SEP	.379E+10	.213E-06	.969E-04
OCT	.320E+10	.491E-06	.408E-04
NOV	.320E+10	.154E-05	.330E-04
DEC	.400E+10	.326E-05	.116E-03
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.484E+10	.274E-07	.543E-06
.477E+10	.410E-07	.360E-06
.479E+10	.155E-07	.380E-06
.599E+10	.428E-07	.658E-06
.478E+10	.232E-07	.172E-06
.479E+10	.365E-07	.566E-06
.598E+10	.547E-07	.692E-06
.478E+10	.547E-07	.511E-06
.603E+10	.103E-06	.607E-06
.438E+10	.332E-07	.576E-06
.498E+10	.683E-07	.683E-06
.622E+10	.351E-07	.752E-06

MONTHLY TOTALS	.396E+11	.157E-04	.617E-03
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.629E+11	.541E-06	.710E-05
----------	----------	----------

MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.932E-07	.332E-05

(CI/DAY)	(CI/DAY)
.293E-08	.343E-07

AVERAGE RELEASE	.425E-07	.167E-05
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.146E-08	.192E-07
----------	----------

AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.397E-12	.156E-10

(UCI/CC)	(UCI/CC)
.860E-14	.113E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

4

STACK NO. 296-A-5
PLANT CODE (E-5-A)

296-A-6
(E-6)

FACILITY PUREX

PUREX

FUNCTION FILTERED AIR FROM 202-A LAB
HOODS AND GLOVE BOXES, WEST
DUCT. SINGLE STACK SERVICING
TWO SYSTEMS.

UNFILTERED AIR FROM EAST
SAMPLE GALLERY AND U CELL.

1975	VOL (L)	CU (CI)	BETA (CI)	VOL (L)	PJ (CI)	BETA (CI)
JAN	.145E+11	.355E-06	.149E-05	.142E+11	.140E-05	.309E-04
FEB	.145E+11	.527E-07	.569E-05	.142E+11	.105E-05	.151E-04
MAR	.145E+11	.124E-06	.134E-05	.142E+11	.538E-06	.127E-04
APR	.182E+11	.251E-06	.495E-05	.177E+11	.650E-07	.170E-04
MAY	.145E+11	.203E-06	.889E-06	.142E+11	.833E-06	.139E-04
JUN	.145E+11	.223E-06	.108E-05	.142E+11	.394E-06	.155E-04
JUL	.181E+11	.165E-06	.121E-05	.177E+11	.116E-05	.156E-04
AUG	.145E+11	.552E-06	.143E-05	.142E+11	.552E-06	.227E-04
SEP	.182E+11	.315E-06	.218E-05	.181E+11	.506E-06	.145E-04
OCT	.148E+11	.252E-06	.144E-05	.159E+11	.326E-06	.107E-04
NOV	.148E+11	.321E-06	.169E-05	.159E+11	.280E-06	.112E-04
DEC	.186E+11	.168E-06	.318E-05	.198E+11	.231E-05	.235E-04
ADJ						
MONTHLY TOTALS	.190E+12	.298E-05	.266E-04	.190E+12	.942E-05	.203E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY) .197E-07	(CI/DAY) .203E-06		(CI/DAY) .660E-07	(CI/DAY) .997E-06
AVERAGE RELEASE		.806E-08	.718E-07		.255E-07	.549E-06
AVERAGE CONC.		(UCI/CC) .157E-13	(UCI/CC) .140E-12		(UCI/CC) .495E-13	(UCI/CC) .107E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

5

STACK NO. 296-A-7
PLANT CODE (E-7)

296-A-8
(E-8)

FACILITY PUREX

PUREX

FUNCTION UNFILTERED AIR FROM WEST
SAMPLE GALLERY AND R CELL.

UNFILTERED AIR FROM WEST END
OF P AND O GALLERY. (WHITE
ROOM EXHAUST).

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.207E+11	.531E-05	.578E-03
FEB	.206E+11	.171E-04	.144E-02
MAR	.206E+11	.158E-05	.169E-03
APR	.257E+11	.622E-05	.470E-03
MAY	.205E+11	.326E-05	.199E-03
JUN	.206E+11	.875E-06	.765E-04
JUL	.257E+11	.171E-05	.142E-03
AUG	.206E+11	.161E-05	.956E-04
SEP	.259E+11	.465E-05	.658E-04
OCT	.216E+11	.237E-05	.141E-03
NOV	.216E+11	.150E-05	.794E-04
DEC	.270E+11	.349E-05	.170E-03
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.206E+11	.667E-06	.728E-05
.206E+11	.248E-06	.775E-05
.206E+11	.332E-06	.110E-04
.257E+11	.158E-05	.170E-04
.206E+11	.118E-05	.851E-05
.206E+11	.471E-06	.808E-05
.257E+11	.726E-06	.926E-05
.206E+11	.618E-06	.609E-05
.264E+11	.114E-05	.123E-04
.235E+11	.575E-06	.759E-05
.235E+11	.896E-07	.538E-05
.294E+11	.635E-06	.146E-04

MONTHLY TOTALS	.271E+12	.497E-04	.363E-02
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.273E+12	.826E-05	.115E-03
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MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.611E-06	.514E-04

(CI/DAY)	(CI/DAY)
.451E-07	.486E-06

AVERAGE RELEASE	.134E-06	.980E-05
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.223E-07	.310E-06
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AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.183E-12	.134E-10

(UCI/CC)	(UCI/CC)
.297E-13	.413E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

6

STACK NO. 296-A-10
PLANT CODE (BT-2)

296-A-12
(ARV)

FACILITY PUREX

244-AR VAULT

FUNCTION FILTERED AIR FROM BURIAL
TUNNEL NO. 2.

FILTERED AIR FROM VESSEL VENT
SYSTEM.

1975	VOL (L)	PU (CI)	BETA (CI)		VOL (L)	PU (CI)	BETA (CI)	I-131 (CI)
JAN	.370E+10	.408E-07	.432E-06		.455E+09	.252E-07	.678E-06	
FEB	.368E+10	.136E-06	.243E-06		.411E+09	.239E-07	.103E-04	
MAR	.371E+10	.163E-07	.118E-06		.456E+09	.345E-07	.255E-04	
APR	.461E+10	.325E-07	.246E-06		.393E+09	.298E-07	.123E-05	
MAY	.369E+10	.398E-07	.107E-06		.392E+09	.305E-07	.970E-06	
JUN	.369E+10	.261E-07	.520E-06		.405E+09	.446E-07	.754E-06	
JUL	.462E+10	.211E-07	.212E-06		.406E+09	.375E-07	.313E-05	
AUG	.370E+10	.419E-07	.780E-07		.393E+09	.282E-07	.108E-05	
SEP	.451E+10	.805E-07	.338E-06		.516E+09	.436E-07	.652E-06	
OCT	.324E+10	.247E-07	.151E-06		.584E+09	.414E-07	.652E-06	
NOV	.324E+10	.197E-07	.194E-06		.490E+09	.234E-07	.452E-06	
DEC	.405E+10	.315E-07	.344E-06		.660E+09	.301E-07	.532E-06	
ADJ								
MONTHLY TOTALS	.465E+11	.511E-06	.298E-05		.556E+10	.393E-06	.459E-04	
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)			(CI/DAY)	(CI/DAY)	(CI/DAY)
		.486E-08	.186E-07			.144E-08	.823E-06	
AVERAGE RELEASE		.138E-08	.806E-08			.108E-08	.126E-06	
AVERAGE CONC.		(UCI/CC)	(UCI/CC)			(UCI/CC)	(UCI/CC)	(UCI/CC)
		.110E-13	.642E-13			.706E-13	.826E-11	

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

7

STACK NO. 296-A-13
PLANT CODE (ARCS)

296-A-14
(E-4)

FACILITY 244-AR VAULT

PUREX

FUNCTION FILTERED AIF FROM CANYON AND
CELL VENTILATION.

FILTERED AIR FROM 293-A
BUILDING.

1975	VOL (L)	PU (CI)	BETA (CI)	I-131 (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.238E+11	.830E-06	.747E-05		.469E+10	.690E-07	.698E-06
FEB	.204E+11	.932E-06	.123E-04		.466E+10	.170E-07	.679E-06
MAR	.228E+11	.101E-05	.110E-04		.466E+10	.610E-07	.308E-06
APR	.212E+11	.770E-06	.656E-05		.585E+10	.954E-07	.981E-06
MAY	.220E+11	.117E-05	.734E-05		.468E+10	.160E-07	.215E-05
JUN	.219E+11	.119E-05	.112E-04		.466E+10	.578E-07	.577E-06
JUL	.226E+11	.968E-06	.120E-04		.584E+10	.267E-07	.364E-06
AUG	.224E+11	.738E-06	.567E-05		.467E+10	.267E-07	.413E-06
SEP	.315E+11	.941E-06	.793E-05		.607E+10	.409E-07	.515E-06
OCT	.337E+11	.123E-05	.131E-04		.558E+10	.424E-07	.428E-06
NOV	.283E+11	.812E-06	.871E-05		.558E+10	.346E-07	.410E-06
DEC	.382E+11	.824E-06	.766E-05		.698E+10	.692E-07	.613E-06
ADJ							
MONTHLY TOTALS	.309E+12	.114E-04	.111E-03		.639E+11	.557E-06	.813E 05
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
		.397E-07	.439E-06			.273E-08	.768E-07
AVERAGE RELEASE		.313E-07	.304E-06			.150E-08	.220E-07
AVERAGE CONC.		(UCI/CC)	(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.370E-13	.359E-12			.871E-14	.127E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

8

STACK NO. 296-A-17
PLANT CODE (AXF)

296-A-18
(101-AY)

FACILITY 241A, AX, AY TANK FARM

101-AY TANK ANNULUS

FUNCTION FILTERED NONCONDENSIBLE VAPORS
FROM WASTE STORAGE TANKS IN
241-A, AX AND AY TANK FARMS.

FILTERED VENT 241-AY-101 TANK
ANNULUS.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.871E+10	.251E-06	.609E-05	.342E+10	.138E-07	.161E-06
FEB	.789E+10	.188E-06	.375E-05	.273E+10	.387E-08	.125E-06
MAR	.871E+10	.195E-06	.553E-05	.273E+10	.359E-08	.561E-07
APR	.628E+10	.248E-06	.251E-03	.273E+10	.416E-08	.798E-07
MAY	.546E+10	.363E-06	.814E-04	.341E+10	.624E-08	.554E-07
JUN	.587E+10	.247E-06	.140E-04	.274E+10	.416E-08	.493E-07
JUL	.653E+10	.296E-06	.343E-05	.273E+10	.881E-07	.957E-06
AUG	.609E+10	.190E-06	.137E-05	.341E+10	.114E-07	.714E-07
SEP	.692E+10	.161E-06	.916E-04	.273E+10	.114E-07	.102E-06
OCT	.854E+10	.371E-06	.540E-05	.341E+10	.166E-07	.158E-06
NOV	.678E+10	.678E-06	.114E-03	.252E+10	.414E-08	.667E-07
DEC	.799E+10	.759E-06	.120E-04	.290E+10	.173E-07	.925E-07
ADJ						
MONTHLY TOTALS	.858E+11	.395E-05	.590E-03	.355E+11	.185E-06	.197E-02
MONTHLY MAXIMUM RELEASE		(CI/DAY) .271E-07	(CI/DAY) .837E-05		(CI/DAY) .315E-08	(CI/DAY) .342E-07
AVERAGE RELEASE		.109E-07	.162E-05		.509E-09	.544E-08
AVERAGE CONC.		(UCI/CC) .460E-13	(UCI/CC) .688E-11		(UCI/CC) .521E-14	(UCI/CC) .557E-13

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

9

STACK NO. 296-A-19
PLANT CODE (102-AY)

291-B-1
(291-B)

FACILITY 102-AY TANK ANNULUS

B PLANT (221-B)

FUNCTION FILTERED VENT 241-AY-102 TANK
ANNULUS.

AIR FROM 291-B-1 FILTERS. IN-
CLUDES CANYON VENTILATION AIR
AND AIR FROM THE NO. 1 PPROCESS
VESSEL VENT.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.447E+10	.410E-08	.402E-07	.547E+11	.781E-05	.799E-02
FEB	.358E+10	.382E-08	.738E-07	.494E+11	.909E-05	.322E-01
MAR	.357E+10	.382E-08	.489E-07	.547E+11	.100E-04	.541E-01
APR	.358E+10	.109E-07	.741E-07	.535E+11	.405E-05	.170E-01
MAY	.447E+10	.136E-07	.773E-07	.550E+11	.927E-05	.418E-02
JUN	.358E+10	.191E-07	.740E-07	.542E+11	.613E-05	.348E-01
JUL	.357E+10	.629E-07	.887E-06	.555E+11	.129E-04	.362E-01
AUG	.447E+10	.276E-07	.146E-06	.516E+11	.527E-05	.748E-02
SEP	.357E+10	.245E-07	.954E-07	.567E+11	.143E-04	.981E-01
OCT	.447E+10	.286E-07	.184E-06	.531E+11	.149E-04	.372E-01
NOV	.304E+10	.230E-07	.184E-06	.508E+11	.712E-05	.279E-01
DEC	.313E+10	.952E-08	.929E-07	.526E+11	.971E-05	.277E-01
ADJ						

MONTHLY TOTALS	.455E+11	.231E-06	.198E-05	.642E+12	.111E-03	.385E+00
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
		.225E-08	.317E-07		.481E-06	.316E-02
AVERAGE RELEASE		.637E-09	.544E-08		.306E-06	.106E-02
AVERAGE CONC.		(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.509E-14	.434E-13		.172E-12	.600E-09

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

10

STACK NO. 296-B-2
PLANT CODE (101-BY)

296-B-3
(112-BY)

FACILITY ITS NO. 1

ITS NO. 2

FUNCTION FILTERED OFF GAS FROM THE
PROCESS EXHAUST TRAIN.

FILTERED OFF GAS FROM THE
PROCESS EXHAUST TRAIN.

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.730E+10	.253E-05	.241E-04
FEB	.660E+10	.136E-05	.167E-04
MAR	.448E+10	.515E-06	.132E-04
APR	.330E+10	.284E-06	.142E-05
MAY	.706E+10	.113E-05	.459E-04
JUN	.707E+10	.685E-06	.276E-04
JUL	.729E+10	.101E-05	.4E9E-04
AUG	.682E+10	.141E-05	.904E-05
SEP	.753E+10	.433E-06	.505E-05
OCT	.729E+10	.665E-06	.579E-05
NOV	.612E+10	.410E-06	.445E-05
DEC	.823E+10	.409E-06	.307E-05
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.318E+09	.507E-07	.610E-05
.283E+09	.773E-07	.669E-06
.318E+09	.719E-07	.146E-05
.289E+09	.758E-07	.912E-06

MONTHLY
TOTALS .791E+11 .108E-04 .202E-03

.121E+10 .276E-06 .914E-05

MONTHLY
MAXIMUM
RELEASE (CI/DAY) (CI/DAY)
.816E-07 .153E-05

(CI/DAY) (CI/DAY)
.276E-08 .197E-06

AVERAGE
RELEASE .310E-07 .578E-06

.232E-08 .768E-07

AVERAGE
CONC. (UCI/CC) (UCI/CC)
.137E-12 .256E-11

(UCI/CC) (UCI/CC)
.227E-12 .754E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

11

STACK NO. 296-B-4
PLANT CODE (B-4)

296-B-5
(22188S)

FACILITY 221-BB BUILDING

221-BB BUILDING

FUNCTION FILTERED EXHAUST AIR FROM THE
BOS AND BCP TANKS. DESIGNATED
VESSEL VENT NO. 3.

DISCHARGES FILTERED AIR FROM
THE 221-BB BUILDING.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.151E+09	.408E-08	.275E-07	.228E+10	.683E-07	.758E-06
FEB	.137E+09	.521E-08	.427E-07	.206E+10	.101E-06	.128E-05
MAR	.152E+09	.921E-08	.574E-07	.227E+10	.197E-06	.337E-05
APR	.490E+08	.729E-09	.102E-07	.221E+10	.791E-07	.204E-05
MAY	.210E+09	.271E-08	.527E-07	.220E+10	.150E-06	.198E-05
JUN	.161E+09	.804E-08	.517E-07	.228E+10	.362E-07	.371E-06
JUL				.228E+10	.586E-07	.655E-06
AUG				.213E+10	.732E-07	.331E-06
SEP				.235E+10	.802E-07	.944E-06
OCT				.228E+10	.903E-07	.607E-06
NOV				.191E+10	.246E-07	.537E-06
DEC				.257E+10	.149E-06	.570E-05
ADJ						
MONTHLY TOTALS	.861E+09	.300E-07	.242E-06	.268E+11	.111E-05	.186E-04
MONTHLY MAXIMUM RELEASE		(CI/DAY) .297E-09	(CI/DAY) .185E-08		(CI/DAY) .635E-08	(CI/DAY) .163E-06
AVERAGE RELEASE		.170E-09	.138E-08		.305E-08	.512E-07
AVERAGE CONC.		(UCI/CC) .348E-13	(UCI/CC) .281E-12		(UCI/CC) .414E-13	(UCI/CC) .693E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

12

STACK NO. 296-B-10
PLANT CODE (225B)

291-C-1
(SWS)

FACILITY 225- BUILDING

SEMIWPKS (201-C)

FUNCTION FILTERED AIR FROM THE
ENCAPSULATION FACILITY.

FILTERED AIR FROM CELL
VENTILATION AND PROCESS VESSEL
VENT.

1975	VOL (L)	PU (CI)	PETA (CI)	VOL (L)	PU (CI)	3FT. (CI)
JAN	.278E+11	.925E-06	.953E-05	.131E+11	.864E-06	.162E-04
FEB	.251E+11	.894E-06	.715E-05	.110E+11	.403E-06	.582E-05
MAR	.278E+11	.119E-05	.187E-04	.130E+11	.131E-05	.204E-04
APR	.206E+11	.797E-05	.121E-04	.107E+11	.417E-06	.102E-04
MAY	.220E+11	.893E-06	.550E-05	.107E+11	.336E-06	.808E-05
JUN	.227E+11	.956E-06	.674E-05	.111E+11	.232E-06	.676E-05
JUL	.231E+11	.698E-06	.300E-04	.111E+11	.290E-06	.706E-04
AUG	.213E+11	.102E-05	.971E-05	.103E+11	.355E-06	.832E-05
SEP	.235E+11	.844E-06	.745E-05	.114E+11	.378E-06	.237E-04
OCT	.220E+11	.965E-06	.193E-04	.111E+11	.847E-06	.810E-04
NOV	.183E+11	.744E-06	.571E-05	.923E+10	.403E-06	.673E-05
DEC	.257E+11	.679E-06	.563E-05	.125E+11	.430E-06	.488E-05
ADJ						
MONTHLY TOTALS	.280E+12	.106E-04	.138E-03	.136E+12	.632E-05	.263E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/D-Y)
		.384E-07	.968E-06		.423E-07	.270E-05
AVERAGE RELEASE		.292E-07	.379E-06		.173E-07	.722E-06
AVERAGE CONC.		(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.379E-13	.492E-12		.464E-13	.193E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

13

STACK NO. 296-C-2
PLANT CODE (WPS)

296-C-5
(CRV)

FACILITY SEMIWOPKS (201-C)

244-CR VAULT

FUNCTION FILTERED AIR FROM A AND C
SAMPLE GALLERIES.

FILTERED AIR FROM CELL
VENTILATION AND PROCESS VESSEL
VENT.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.744E+10	.264E-07	.432E-06	.303E+10	.117E-05	.111E-04
FEB	.597E+10	.189E-07	.169E-06	.274E+10	.112E-05	.120E-04
MAR	.595E+10	.226E-07	.195E-06	.303E+10	.150E-05	.144E-04
APR	.277E+10	.288E-07	.288E-06	.293E+10	.180E-05	.175E-04
MAY	.347E+10	.265E-07	.196E-06	.294E+10	.447E-06	.765E-05
JUN	.276E+10	.143E-07	.106E-06	.304E+10	.106E-05	.142E-04
JUL	.277E+10	.704E-08	.581E-07	.302E+10	.688E-06	.837E-05
AUG	.347E+10	.194E-07	.688E-07	.283E+10	.365E-06	.401E-05
SEP	.277E+10	.240E-07	.731E-07	.312E+10	.204E-06	.468E-05
OCT	.347E+10	.352E-07	.111E-06	.302E+10	.778E-06	.177E-04
NOV	.258E+10	.106E-07	.104E-06	.253E+10	.711E-06	.120E-04
DEC	.297E+10	.704E-08	.335E-06	.341E+10	.983E-06	.138E-04
ADJ						

MONTHLY TOTALS	.464E+11	.241E-06	.214E-05	.356E+11	.108E-04	.137E-03
MONTHLY MAXIMUM		(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
PRELEASE		.103E-08	.139E-07		.600E-07	.583E-06
AVERAGE PRELEASE		.663E-09	.588E-08		.297E-07	.376E-06
AVERAGE CONC.		(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.519E-14	.460E-13		.304E-12	.386E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

14

STACK NO. 296-P-1
PLANT CODE (P-1)

296-P-2
(104-BY)

FACILITY BX TANK FARM

ITS NO. 2

FUNCTION PORTABLE AIR EXHAUSTER FOR
105, 106, 110 AND 111-BX
TANKS IN BX FARM.

FILTERED EXHAUST AIR FROM AIR
COOLING THE CONCENTRATE IN BY
FARM BOTTOMS TANKS (103, 104,
105, AND 106-BY).

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.449E+10	.544E-06	.392E-05	.552E+10	.713E-06	.295E-05
FEB	.406E+10	.227E-06	.310E-05	.498E+10	.497E-06	.426E-05
MAR	.450E+10	.269E-06	.288E-05	.552E+10	.389E-06	.553E-05
APR	.435E+10	.566E-06	.478E-05	.498E+10	.518E-06	.457E-05
MAY	.435E+10	.627E-06	.429E-05	.534E+10	.530E-06	.813E-05
JUN	.449E+10	.255E-06	.432E-05	.551E+10	.377E-06	.371E-05
JUL	.450E+10	.282E-06	.406E-05	.551E+10	.144E-06	.189E-05
AUG	.421E+10	.158E-06	.286E-05	.516E+10	.164E-06	.142E-05
SEP	.464E+10	.260E-06	.421E-05	.569E+10	.263E-06	.226E-05
OCT	.450E+10	.202E-06	.236E-05	.551E+10	.196E-06	.339E-05
NOV	.377E+10	.247E-06	.391E-05	.484E+10	.167E-06	.818E-06
DEC	.508E+10	.609E-06	.426E-05	.671E+10	.175E-06	.232E-05
ADJ						
MONTHLY TOTALS	.529E+11	.425E-05	.450E-04	.653E+11	.413E-05	.412E-04
MONTHLY MAXIMUM RELEASE		(CI/DAY) .209E-07	(CI/DAY) .159E-06		(CI/DAY) .230E-07	(CI/DAY) .271E-06
AVERAGE RELEASE		.116E-07	.123E-06		.113E-07	.113E-06
AVERAGE CONC.		(UCI/CC) .802E-13	(UCI/CC) .849E-12		(UCI/CC) .633E-13	(UCI/CC) .632E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

15

STACK NO. 296-P-3
PLANT CODE (107-BY)

296-P-4
(109-BY)

FACILITY ITS NO. 2

ITS NO. 2

FUNCTION FILTERED EXHAUST AIR FROM AIR
COOLING THE CONCENTRATE IN BY
FARM BOTTOMS TANKS (107, 108,
110, AND 111-BY).

FILTERED EXHAUST AIR FROM AIR
COOLING THE CONCENTRATE IN BY
FARM BOTTOM TANK (109-BY).

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.891E+10	.137E-05	.891E-04
FEB	.897E+10	.152E-05	.509E-04
MAR	.894E+10	.621E-06	.146E-03
APR	.862E+10	.151E-05	.229E-04
MAY	.863E+10	.827E-06	.576E-04
JUN	.892E+10	.698E-06	.263E-04
JUL	.892E+10	.568E-06	.254E-04
AUG	.835E+10	.649E-06	.263E-04
SEP	.921E+10	.392E-06	.105E-04
OCT	.892E+10	.116E-05	.172E-04
NOV	.586E+10	.245E-06	.103E-04
DEC	.350E+10	.874E-07	.239E-04
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.606E+08	.480E-08	.375E-07
.548E+08	.344E-08	.452E-07
.607E+08	.302E-08	.600E-07
.568E+08	.216E-08	.293E-07

MONTHLY TOTALS	.969E+11	.964E-05	.507E-03
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.233E+09	.134E-07	.172E-06
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MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.543E-07	.471E-07

(CI/DAY)	(CI/DAY)
.155E-09	.194E-08

AVERAGE RELEASE	.264E-07	.139E-07
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.113E-09	.145E-08
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AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.996E-13	.523E-11

(UCI/CC)	(UCI/CC)
.576E-13	.738E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

16

STACK NO. 296-P-5
PLANT CODE (106-CS)

296-P-6
(104A)

FACILITY TANKS 105 AND 106-C

241-A TANK FARM

FUNCTION PORTABLE AIR EXHAUSTER FOR THE
105 AND 106-C TANKS IN C FARM.

FILTERED EXHAUST VAPORS FROM
THE 241-A-104 TANK.

1975	VOL (L)	PU (CI)	BETA (CI)		VOL (L)	PU (CI)	BETA (CI)
JAN	.598E+10	.592E-06	.592E-05				
FEB	.541E+10	.101E-05	.118E-04				
MAR	.597E+10	.716E-06	.536E-05				
APR	.484E+10	.293E-06	.538E-05				
MAY	.484E+10	.125E-06	.113E-05		.207E+09	.840E-07	.714E-06
JUN	.500E+10	.225E-06	.394E-05		.403E+09	.102E-05	.954E-05
JUL	.499E+10	.114E-06	.377E-05		.287E+10	.510E-06	.535E-05
AUG	.467E+10	.146E-06	.216E-05		.268E+10	.179E-06	.221E-05
SEP	.515E+10	.112E-06	.607E-05				
OCT	.499E+10	.247E-06	.120E-04				
NOV	.419E+10	.224E-06	.232E-05				
DEC	.564E+10	.176E-06	.469E-05		.154E+09	.346E-08	.127E-05
ADJ							
MONTHLY TOTALS	.617E+11	.398E-05	.645E-04		.632E+10	.180E-05	.191E-04
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)			(CI/DAY)	(CI/DAY)
		.361E-07	.421E-06			.329E-07	.127E-05
AVERAGE RELEASE		.109E-07	.177E-06			.163E-07	.174E-06
AVERAGE CONC.		(UCI/CC)	(UCI/CC)			(UCI/CC)	(UCI/CC)
		.645E-13	.105E-11			.284E-12	.302E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

17

STACK NO. 296-P-7
PLANT CODE (109BY8)

296-P-8
(P8)

FACILITY ITS NO.2

241-TX FARM

FUNCTION FILTERED EXHAUST AIR FROM AIF
COOLING THE CONCENTRATE IN BY
FARM BOTTOM TANK (109BY).

FILTERED EXHAUST FROM THE 103,
104,107 AND 108 TX TANKS.

1975	VOL (L)	PU (CI)	BETA (CI)		VOL (L)	PU (CI)	BETA (CI)
JAN	.339E+06	.394E-09	.669E-08				
FEB	.154E+06	.131E-09	.730E-08				
MAR	.154E+06	.131E-09	.172E-08		.285E+10	.304E-07	.340E-05
APR	.151E+09	.905E-08	.595E-05		.396E+10	.165E-06	.235E-05
MAY	.214E+09	.134E-07	.716E-06		.570E+10	.474E-06	.454E-04
JUN	.370E+08	.111E-07	.784E-07		.332E+10	.937E-06	.105E-03
JUL					.153E+10	.156E-06	.532E-04
AUG					.505E+10	.364E-06	.153E-03
SEP					.475E+10	.385E-06	.172E-04
OCT					.422E+10	.367E-06	.152E-03
NOV					.522E+10	.108E-05	.156E-03
DEC					.463E+10	.176E-06	.343E-04
ADJ							
MONTHLY TOTALS	.402E+09	.342E-07	.676E-05		.413E+11	.414E-05	.729E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)			(CI/DAY)	(CI/DAY)
		.222E-08	.198E-06			.446E-07	.592E-05
AVERAGE RELEASE		.511E-09	.101E-06			.157E-07	.276E-05
AVERAGE CONC.		(UCI/CC)	(UCI/CC)			(UCI/CC)	(UCI/CC)
		.851E-13	.168E-10			.100E-12	.177E-10

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

18

STACK NO. 296-P-9
PLANT CODE (TX5)

296-P-10
(TX-7)

FACILITY 242-TX WASTE EVAP.

242-TX WASTE EVAP.

FUNCTION FILTERED EXHAUST AIR FROM AIR
COOLING OF CONCENTRATE
RECEIVING TANKS IN TX FARM
(113,114, AND 115-TX).

FILTERED EXHAUST AIR FROM AIR
COOLING THE CONCENTRATE IN
TX FARM BOTTOMS TANKS
(110, 111, AND 112-TX).

1975	VOL (L)	PU (CI)	BETA (CI)
JAN			
FEB	.244E+10	.174E-07	.211E-05
MAR	.588E+10	.693E-06	.137E-04
APR			
MAY			
JUN			
JUL	.245E+09	.435E-08	.494E-06
AUG			
SEP	.703E+09	.783E-06	.699E-06
OCT			
NOV			
DEC			
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.404E+10	.138E-06	.116E-04
.364E+10	.878E-07	.473E-05
.403E+10	.148E-06	.675E-05
.390E+10	.104E-06	.401E-05
.404E+10	.186E-06	.218E-04
.390E+10	.947E-07	.276E-05
.403E+10	.850E-07	.885E-05
.403E+10	.121E-06	.176E-04
.390E+10	.126E-06	.127E-05
.403E+10	.147E-06	.316E-05
.391E+10	.201E-06	.316E-05
.404E+10	.174E-06	.269E-05

MONTHLY TOTALS	.927E+10	.150E-05	.170E-04
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.475E+11	.161E-05	.746E-04
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MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.261E-06	.703E-06

(CI/DAY)	(CI/DAY)
.670E-08	.703E-06

AVERAGE RELEASE	.483E-07	.548E-06
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.442E-08	.204E-06
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AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.162E-12	.183E-11

(UCI/CC)	(UCI/CC)
.340E-13	.157E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

19

STACK NO. 296-P-11
PLANT CODE (TX-8)

296-P-12
(TX-9)

FACILITY 242-TX WASTE EVAP.

242-TX WASTE EVAP.

FUNCTION FILTERED EXHAUST AIR FROM AIR
COOLING THE CONCENTRATE IN
TX FARM BOTTOMS TANK (119-TX).

FILTERED EXHAUST AIR FROM AIR
COOLING THE CONCENTRATE IN TX
FARMS BOTTOMS TANKS (102, 105,
AND 106-TX).

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.192E+09	.181E-08	.820E-07	.781E+10	.107E-05	.353E-04
FEB	.173E+09	.178E-08	.129E-06	.705E+10	.347E-06	.365E-05
MAR	.192E+09	.391E-08	.184E-06	.780E+10	.291E-06	.142E-04
APR	.441E+09	.754E-08	.227E-06	.756E+10	.242E-06	.108E-04
MAY	.442E+09	.728E-08	.209E-06	.779E+10	.291E-06	.119E-04
JUN	.441E+09	.876E-08	.360E-05	.756E+10	.242E-06	.266E-04
JUL	.456E+09	.105E-07	.258E-06	.781E+10	.253E-06	.578E-04
AUG	.405E+09	.108E-07	.155E-06	.739E+10	.294E-06	.125E-03
SEP	.235E+09	.758E-08	.755E-07	.589E+10	.233E-06	.390E-04
OCT	.189E+09	.576E-08	.271E-06	.565E+10	.351E-06	.285E-04
NOV	.128E+09	.672E-08	.692E-07	.547E+10	.272E-06	.278E-04
DEC	.104E+09	.869E-08	.683E-07	.565E+10	.311E-06	.460E-04
ADJ						
MONTHLY TOTALS	.340E+10	.811E-07	.533E-05	.834E+11	.420E-05	.432E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY) .348E-09	(CI/DAY) .120E-06		(CI/DAY) .345E-07	(CI/DAY) .403E-05
AVERAGE RELEASE		.222E-09	.146E-07		.115E-07	.118E-05
AVERAGE CONC.		(UCI/CC) .239E-13	(UCI/CC) .157E-11		(UCI/CC) .503E-13	(UCI/CC) .518E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

20

STACK NO. 296-P-14
PLANT CODE (DETK15)

296-P-15
(DETK25)

FACILITY 241-S TANK FARM

241-S TANK FARM

FUNCTION FILTERED EXHAUST AIR FROM THE
101,102,103,104,105 AND 106-S
TANKS.

FILTERED EXHAUST AIR FROM THE
107,108,109,110,111 AND 112-S
TANKS.

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.134E+10	.425E-07	.265E-05
FEB	.120E+10	.120E-06	.174E-05
MAR	.133E+10	.288E-07	.626E-06
APR	.129E+10	.340E-07	.298E-06
MAY	.133E+10	.279E-07	.121E-05
JUN	.133E+10	.411E-07	.285E-05
JUL	.134E+10	.425E-07	.406E-05
AUG	.134E+10	.822E-07	.183E-04
SEP	.130E+10	.809E-07	.470E-05
OCT	.134E+10	.611E-07	.259E-05
NOV	.130E+10	.568E-07	.299E-05
DEC	.134E+10	.658E-07	.503E-05
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.884E+09	.246E-07	.299E-04
.799E+09	.345E-07	.475E-05
.333E+09	.239E-07	.132E-05
.857E+09	.216E-07	.815E-06
.885E+09	.287E-07	.616E-06
.885E+09	.262E-07	.661E-06
.885E+09	.264E-07	.115E-05
.885E+09	.322E-07	.120E-05
.856E+09	.525E-07	.292E-05
.885E+09	.106E-06	.140E-05
.855E+09	.100E-06	.220E-05
.884E+09	.520E-07	.105E-04

MONTHLY TOTALS	.158E+11	.684E-06	.470E-04
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.104E+11	.529E-06	.582E-04
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MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.429E-08	.610E-06

(CI/DAY)	(CI/DAY)
.343E-08	.965E-06

AVERAGE RELEASE	.188E-08	.130E-06
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.145E-08	.159E-06
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AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.433E-13	.298E-11

(UCI/CC)	(UCI/CC)
.507E-13	.557E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

21

STACK NO. 296-P-16
PLANT CODE (103B)

291-S-1
(291-S)

FACILITY B TANK FARM

REDOX (202-S)

FUNCTION FILTERED EXHAUST AIR FROM THE
101,103, AND 106-B TANKS.

FILTERED AIR FROM CANYON
VENTILATION AND VESSEL VENT,
AND TREATED DISSOLVER OFF-GAS
(PLANT DOWN).

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.594E+10	.548E-06	.546E-05
FEB	.537E+10	.310E-06	.399E-05
MAR	.595E+10	.613E-06	.122E-04
APR	.574E+10	.580E-06	.653E-05
MAY	.387E+09	.975E-07	.769E-06
JUN			
JUL			
AUG			
SEP			
OCT	.402E+10	.199E-06	.104E-05
NOV	.259E+10	.644E-07	.591E-06
DEC	.118E+10	.542E-07	.302E-06
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.486E+11	.293E-05	.381E-04
.439E+11	.676E-05	.427E-04
.487E+11	.566E-05	.524E-04
.472E+11	.930E-05	.156E-03
.472E+11	.975E-05	.600E-04
.501E+11	.463E-05	.510E-04
.487E+11	.402E-05	.424E-04
.487E+11	.300E-05	.334E-04
.471E+11	.123E-04	.222E-03
.487E+11	.965E-05	.109E-03
.471E+11	.584E-05	.752E-04
.487E+11	.948E-05	.673E-04

MONTHLY TOTALS	.312E+11	.247E-05	.309E-04
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.573E+12	.834E-04	.950E-03
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MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.488E-07	.394E-06

(CI/DAY)	(CI/DAY)
.411E-06	.741E-05

AVERAGE RELEASE	.121E-07	.152E-06
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.228E-06	.260E-05
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AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.791E-13	.991E-12

(UCI/CC)	(UCI/CC)
.145E-12	.165E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

22

STACK NO. 296-S-1
PLANT CODE (X-1)

296-S-2
(X-2)

FACILITY REDOX

REDOX

FUNCTION FILTERED AIR FROM SOUTH SAMPLE
GALLERY.

FILTERED AIR FROM NORTH SAMPLE
GALLERY AND SAMPLER HOODS.

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.293E+10	.139E-06	.161E-05
FEB	.264E+10	.277E-06	.208E-05
MAR	.293E+10	.987E-07	.119E-05
APR	.284E+10	.296E-06	.630E-05
MAY	.294E+10	.143E-06	.114E-05
JUN	.294E+10	.309E-06	.262E-05
JUL	.293E+10	.548E-06	.604E-05
AUG	.293E+10	.479E-06	.664E-05
SEP	.284E+10	.730E-06	.105E-04
OCT	.293E+10	.942E-06	.104E-04
NOV	.284E+10	.402E-06	.992E-05
DEC	.293E+10	.520E-06	.954E-05
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.219E+10	.993E-07	.828E-06
.198E+10	.116E-06	.864E-06
.218E+10	.132E-06	.155E-05
.211E+10	.127E-06	.156E-05
.219E+10	.137E-06	.133E-05
.219E+10	.105E-06	.826E-06
.219E+10	.148E-06	.141E-05
.219E+10	.112E-06	.57E-06
.212E+10	.149E-06	.319E-05
.219E+10	.147E-06	.178E-05
.212E+10	.838E-07	.690E-06
.219E+10	.138E-06	.643E-06

MONTHLY
TOTALS .346E+11 .488E-05 .680E-04

.258E+11 .149E-05 .156E-04

MONTHLY
MAXIMUM
RELEASE (CI/DAY) (CI/DAY)
.304E-07 .352E-06

(CI/DAY) (CI/DAY)
.497E-08 .106E-06

AVERAGE
RELEASE .134E-07 .186E-06

.410E-08 .428E-07

AVERAGE
CONC. (UCI/CC) (UCI/CC)
.141E-12 .196E-11

(UCI/CC) (UCI/CC)
.579E-13 .605E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

23

STACK NO. 296-S-4
PLANT CODE (EF-3)

296-S-5
(FR-33)

FACILITY REDOX

REDOX (202-S)

FUNCTION FILTERED AIR FROM DECONTAMIN-
ATION ROOM AND REGULATED SHOP.
UNFILTERED AIR FROM REGULATED
TOOLROOM, LOW-LEVEL DECONTAM-
INATION SINK, AND SWP LOBBY.

FILTERED AIR FROM THE PRODUCT
REMOVAL CAGE.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.616E+10	.104E-05	.119E-04	.217E+10	.421E-06	.387E-06
FEB	.556E+10	.996E-06	.124E-04	.196E+10	.280E-06	.127E-05
MAR	.614E+10	.747E-06	.990E-05	.217E+10	.154E-05	.165E-05
APR	.596E+10	.134E-05	.118E-04	.210E+10	.500E-06	.181E-05
MAY	.616E+10	.125E-05	.149E-04	.217E+10	.216E-06	.158E-05
JUN	.614E+10	.836E-06	.132E-04	.217E+10	.864E-06	.149E-05
JUL	.614E+10	.161E-05	.208E-04	.217E+10	.610E-06	.242E-05
AUG	.614E+10	.132E-05	.190E-04	.217E+10	.109E-05	.238E-05
SEP	.595E+10	.131E-05	.279E-04	.211E+10	.213E-06	.199E-05
OCT	.614E+10	.143E-05	.231E-04	.217E+10	.264E-06	.183E-05
NOV	.594E+10	.710E-06	.154E-04	.210E+10	.244E-06	.146E-05
DEC	.614E+10	.735E-06	.151E-04	.217E+10	.219E-06	.144E-05
ADJ						
MONTHLY TOTALS	.726E+11	.133E-04	.195E-03	.257E+11	.646E-05	.197E-04
MONTHLY MAXIMUM RELEASE		(CI/DAY) .519E-07	(CI/DAY) .930E-06		(CI/DAY) .497E-07	(CI/DAY) .782E-07
AVERAGE RELEASE		.365E-07	.535E-06		.177E-07	.540E-07
AVERAGE CONC.		(UCI/CC) .184E-12	(UCI/CC) .269E-11		(UCI/CC) .252E-12	(UCI/CC) .768E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

24

STACK NO. 296-S-6
PLANT CODE (8-X)

296-S-7
(KX-34)

FACILITY REDOX

REDOX-PU PROCESSING

FUNCTION UNFILTERED AIR FROM THE SILO
GALLERY, ORGANIC FEED TANK,
AND SAMPLE ELEVATOR.

FILTERED GREEN HOUSE V NTILA
TION AND PROCESS VESSEL VENT
AIR FROM 233-S (PLANT DOWN).

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	FJ (CI)	BETA (CI)
JAN	.116E+11	.234E-05	.280E-04	.225E+11	.403E-05	.190E-04
FEB	.105E+11	.180E-05	.286E-04	.203E+11	.913E-05	.416E-04
MAR	.116E+11	.180E-05	.294E-04	.203E+11	.146E-04	.554E-04
APR	.112E+11	.336E-05	.573E-03	.207E+11	.627E-05	.454E-04
MAY	.116E+11	.168E-05	.278E-04	.229E+11	.397E-05	.217E-04
JUN	.119E+11	.160E-05	.247E-04	.218E+11	.102E-04	.419E-04
JUL	.116E+11	.267E-05	.321E-04	.236E+11	.172E-04	.460E-04
AUG	.116E+11	.172E-05	.319E-04	.225E+11	.264E-04	.374E-04
SEP	.112E+11	.314E-05	.451E-04	.159E+11	.114E-05	.344E-04
OCT	.116E+11	.170E-05	.360E-04	.137E+11	.297E-05	.265E-04
NOV	.112E+11	.185E-05	.251E-04	.253E+11	.293E-05	.149E-03
DEC	.116E+11	.127E-05	.256E-04	.237E+11	.167E-05	.369E-04
ADJ						
MONTHLY TOTALS	.137E+12	.249E-04	.907E-03	.253E+12	.101E-03	.555E-03
MONTHLY MAXIMUM		(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
PFLASE		.112E-06	.191E-04		.850E-06	.495E-05
AVERAGE RELEASE		.683E-07	.249E-05		.275E-06	.152E-05
AVERAGE CONC.		(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.182E-12	.662E-11		.397E-12	.219E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

25

STACK NO. 296-S-13
PLANT CODE (S-13)

296-S-14
(S-14)

FACILITY 222-S LABORATORY

241-SX TANK FARM

FUNCTION FILTERED AIR FROM HOODS, GLOVE
BOXES, HOT CELLS, AND
VENTILATION.

FILTERED NONCONDENSIBLE VAPORS
FROM WASTE STORAGE TANKS IN
241-SX TANK FARM.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.990E+11	.510E-05	.269E-03	.107E+11	.661E-06	.113E-02
FEB	.893E+11	.298E-05	.451E-03	.962E+10	.461E-06	.660E-05
MAR	.978E+11	.345E-05	.159E-03	.107E+11	.656E-06	.604E-04
APR	.948E+11	.331E-05	.221E-03	.103E+11	.476E-06	.400E-04
MAY	.978E+11	.291E-05	.243E-03	.106E+11	.376E-06	.339E-05
JUN	.978E+11	.306E-05	.614E-04	.106E+11	.357E-06	.306E-05
JUL	.978E+11	.247E-05	.168E-03	.107E+11	.401E-06	.629E-05
AUG	.978E+11	.235E-05	.175E-03	.107E+11	.611E-06	.326E-05
SEP	.947E+11	.242E-05	.347E-03	.953E+10	.444E-06	.505E-05
OCT	.978E+11	.275E-05	.431E-03	.107E+11	.525E-06	.395E-05
NOV	.947E+11	.264E-05	.874E-03	.103E+11	.435E-06	.381E-05
DEC	.984E+11	.329E-05	.200E-03	.123E+11	.571E-06	.379E-05
ADJ						
MONTHLY TOTALS	.116E+13	.367E-04	.360E-02	.127E+12	.597E-05	.127E-02
MONTHLY MAXIMUM RELEASE		(CI/DAY) .165E-06	(CI/DAY) .291E-04		(CI/DAY) .213E-07	(CI/DAY) .365E-04
AVERAGE RELEASE		.101E-06	.986E-05		.164E-07	.348E-05
AVERAGE CONC.		(UCI/CC) .318E-13	(UCI/CC) .312E-11		(UCI/CC) .472E-13	(UCI/CC) .100E-10

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

26

STACK NO. 296-S-1F
PLANT CODE (S-15)

296-S-16
(219-S)

FACILITY 241-SX TANK FARM

222-S LAB STORAGE

FUNCTION FILTERED EXHAUST AIR FROM AIR
COOLING OF DRIED SLUDGE IN SX
FARM TANKS (107, 108, 109,
AND 112-SX).

FILTERED EXHAUST AIR FROM
291-S VAULT AND WASTE TANKS.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.541E+09	.227E-06	.649E-03	.37E+09	.14E-06	.21E-04
FEB	.489E+09	.660E-07	.171E-03	.338E+09	.134E-06	.266E-04
MAR	.543E+09	.110E-06	.118E-03	.37E+09	.137E-06	.34E-04
APR	.523E+09	.150E-06	.102E-03	.362E+09	.148E-06	.384E-04
MAY	.542E+09	.795E-07	.782E-04	.374E+09	.158E-06	.173E-04
JUN	.542E+09	.901E-07	.523E-04	.374E+09	.143E-06	.317E-04
JUL	.542E+09	.617E-07	.135E-03	.374E+09	.193E-06	.295E-04
AUG	.542E+09	.741E-07	.254E-04	.374E+09	.203E-06	.778E-04
SEP	.525E+09	.103E-06	.197E-04	.352E+09	.145E-06	.377E-04
OCT	.542E+09	.120E-06	.434E-04	.373E+09	.231E-06	.829E-04
NOV	.525E+09	.130E-06	.908E-05	.217E+09	.233E-05	.439E-03
DEC	.245E+09	.958E-08	.945E-05	.127E+09	.137E-06	.766E-04
ADJ						
MONTHLY TOTALS	.610E+10	.122E-05	.141E-02	.403E+10	.417E-05	.973E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
		.732E-08	.209E-04		.777E-07	.146E-04
AVERAGE RELEASE		.351E-08	.406E-05		.114E-07	.267E-05
AVERAGE CONC.		(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.200E-12	.231E-09		.103E-11	.242E-09

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

27

STACK NO. 296-S-18
PLANT CODE (DETK11)

296-S-19
(REAS5)

FACILITY 242-S WASTE EVAP.

242-S WASTE EVAP.

FUNCTION FILTERED AIR FROM THE 242-S
WASTE EVAPOFATOR FACILITY.

FILTERED AIR FROM THE 242-S
CELL AND VESSEL VENT.

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.244E+11	.589E-06	.278E-04
FEB	.221E+11	.437E-06	.932E-05
MAR	.244E+11	.113E-05	.809E-05
APR	.236E+11	.118E-05	.629E-05
MAY	.244E+11	.134E-05	.100E-04
JUN	.244E+11	.749E-08	.753E-05
JUL	.244E+11	.992E-06	.849E-05
AUG	.244E+11	.111E-05	.851E-05
SEP	.236E+11	.130E-05	.929E-05
OCT	.244E+11	.171E-05	.100E-04
NOV	.236E+11	.143E-05	.832E-05
DEC	.244E+11	.111E-05	.862E-05
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.401E+09	.183E-07	.817E-05
.363E-05	.842E-08	.484E-06
.402E+09	.176E-07	.387E-06
.389E+09	.902E-08	.223E-06
.401E+09	.138E-07	.546E-06
.403E+09	.133E-07	.700E-06
.402E+09	.124E-07	.773E-06
.402E+09	.116E-07	.482E-05
.444E+09	.284E-07	.232E-05
.126E+10	.364E-07	.373E-05
.923E+09	.283E-07	.218E-05
.490E+09	.176E-07	.403E-06

MONTHLY
TOTALS .288E+12 .123E-04 .122E-03

.592E+10 .215E-06 .247E-04

MONTHLY
MAXIMUM
RELEASE (CI/DAY) (CI/DAY)
.553E-07 .333E-06

(CI/DAY) (CI/DAY)
.117E-08 .263E-06

AVERAGE
RELEASE .371E-07 .367E-06

.593E-09 .681E-07

AVERAGE
CONC. (UCI/CC) (UCI/CC)
.429E-13 .425E-12

(UCI/CC) (UCI/CC)
.363E-13 .418E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

28

STACK NO. 296-S-20
PLANT CODE (VX-1)

291-T-1
(291-T)

FACILITY 222-S LABORATORY

T PLANT

FUNCTION FILTERED AIR FROM THE
COUNTING ROOM VAULT.

VENTILATION AIR FROM 221-T
CANYON.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.872E+08	.818E-08	.562E-07	.342E+11	.964E-06	.304E-04
FEB	.788E+08	.484E-08	.529E-07	.308E+11	.224E-05	.320E-04
MAR	.872E+08	.481E-08	.416E-07	.342E+11	.120E-05	.110E-04
APR	.844E+08	.351E-08	.103E-06	.329E+11	.164E-05	.120E-04
MAY	.928E+08	.623E-08	.338E-07	.332E+11	.139E-05	.994E-05
JUN	.871E+08	.385E-08	.270E-07	.338E+11	.190E-05	.105E-04
JUL	.872E+08	.961E-08	.367E-07	.342E+11	.139E-05	.832E-05
AUG	.872E+08	.378E-08	.639E-07	.319E+11	.138E-05	.160E-04
SEP	.844E+08	.664E-08	.558E-07	.352E+11	.124E-05	.832E-05
OCT	.872E+08	.558E-08	.483E-07	.341E+11	.122E-05	.128E-04
NOV	.844E+08	.971E-08	.528E-07	.287E+11	.119E-05	.174E-04
DEC	.872E+08	.481E-08	.380E-07	.384E+11	.226E-05	.221E-04
ADJ						
MONTHLY TOTALS	.104E+10	.715E-07	.610E-06	.402E+12	.185E-04	.191E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY) .324E-09	(CI/DAY) .343E-08		(CI/DAY) .800E-07	(CI/DAY) .114E-05
AVERAGE RELEASE		.196E-09	.167E-08		.513E-07	.528E-06
AVERAGE CONC.		(UCI/CC) .691E-13	(UCI/CC) .589E-12		(UCI/CC) .461E-13	(UCI/CC) .475E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

29

STACK NO. 296-T-3
FLANT CODE (TX-6)

296-T-12
(NO 4-5)

FACILITY 242-T WASTE EVAP.

224-T

FUNCTION FILTERED EXHAUST AIR FROM THE
242-T EVAPORATOR VESSEL VENT.

FILTERED EXHAUSTERS FOR
224-T BUILDING.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.453E+09	.439E-07	.440E-05	.687E+11	.104E-05	.796E-05
FEB	.408E+09	.922E-08	.190E-06	.618E+11	.911E-06	.775E-05
MAR	.453E+09	.785E-08	.981E-07	.640E+11	.669E-06	.178E-04
APR	.423E+09	.599E-07	.163E-05	.799E+11	.145E-05	.135E-04
MAY	.453E+09	.749E-07	.978E-06	.572E+11	.427E-06	.547E-05
JUN	.438E+09	.160E-06	.327E-05	.707E+11	.123E-05	.117E-04
JUL	.453E+09	.218E-06	.397E-05	.751E+11	.314E-05	.576E-05
AUG	.453E+09	.187E-06	.398E-05	.689E+11	.851E-06	.611E-05
SEP	.438E+09	.330E-06	.337E-05	.663E+11	.130E-05	.706E-05
OCT	.453E+09	.100E-06	.228E-05	.778E+11	.434E-05	.641E-05
NOV	.438E+09	.215E-06	.604E-05	.617E+11	.632E-06	.578E-05
DEC	.453E+09	.119E-06	.107E-05	.823E+11	.913E-06	.613E-05
ADJ						
MONTHLY TOTALS	.531E+10	.153E-05	.313E-04	.835E+12	.169E-04	.101E-03
MONTHLY MAXIMUM RELEASE		(CI/DAY) .110E-07	(CI/DAY) .201E-06		(CI/DAY) .128E-06	(CI/DAY) .574E-06
AVERAGE RELEASE		.419E-08	.857E-07		.462E-07	.277E-06
AVERAGE CONC.		(UCI/CC) .288E-12	(UCI/CC) .589E-11		(UCI/CC) .203E-13	(UCI/CC) .121E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

30

STACK NO. 296-T-13
PLANT CODE (221-T)

296-T-15
(242T9)

FACILITY T PLANT

242-TA VAULT

FUNCTION VENTILATION AIR.

FILTERED AIR FROM THE
242-TA VAULT AND FROM 242-T
HOT CELLS.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PU (CI)	BETA (CI)
JAN	.427E+11	.576E-07	.559E-06	.172E+10	.114E-05	.624E-05
FEB	.586E+11	.609E-07	.786E-06	.155E+10	.425E-06	.762E-05
MAR	.568E+11	.976E-07	.112E-05	.172E+10	.629E-06	.660E-05
APR	.604E+11	.177E-05	.360E-04	.166E+10	.149E-06	.299E-05
MAY	.180E+11	.167E-06	.103E-05	.172E+10	.142E-06	.231E-05
JUN	.593E+11	.545E-06	.396E-05	.166E+10	.256E-06	.360E-05
JUL	.719E+11	.125E-05	.861E-05	.172E+10	.288E-06	.140E-05
AUG	.673E+11	.676E-06	.858E-05	.172E+10	.334E-06	.180E-05
SEP	.737E+11	.748E-06	.886E-05	.166E+10	.434E-06	.573E-05
OCT	.392E+11	.585E-06	.565E-05	.161E+10	.596E-06	.600E-05
NOV	.857E+11	.146E-05	.105E-04	.149E+10	.655E-06	.827E-05
DEC	.824E+11	.577E-06	.471E-05	.154E+10	.202E-05	.108E-04
ADJ						
MONTHLY TOTALS	.714E+12	.800E-05	.903E-04	.198E+11	.709E-05	.635E-04
MONTHLY MAXIMUM RELEASE		(CI/DAY) .632E-07	(CI/DAY) .129E-05		(CI/DAY) .650E-07	(CI/DAY) .350E-06
AVERAGE RELEASE		.237E-07	.268E-06		.194E-07	.174E-06
AVERAGE CONC.		(UCI/CC) .112E-13	(UCI/CC) .126E-12		(UCI/CC) .359E-12	(UCI/CC) .321E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

31

STACK NO. 296-T-17
PLANT CODE (K2-1)

291-U-1
(291-U)

FACILITY 242-T WASTE EVAP.

U PLANT

FUNCTION FILTERED EXHAUST AIR FROM THE
EVAPORATOR AND COLD CELL.

FILTERED AIR FROM 221-U CANYON
VENTILATION AND HOT SIDE OF
241-WR VAULT.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PJ (CI)	BETA (CI)
JAN				.144E+11	.800E-05	.142E-03
FEB				.130E+11	.560E-05	.960E-04
MAR				.144E+11	.343E-05	.123E-03
APR				.139E+11	.476E-05	.101E-03
MAY				.139E+11	.478E-05	.766E-04
JUN				.144E+11	.121E-05	.612E-04
JUL				.144E+11	.338E-05	.131E-03
AUG	.864E+04	.232E-08	.258E-07	.138E+11	.311E-05	.915E-04
SEP	.130E+06	.233E-06	.126E-05	.161E+11	.329E-05	.126E-03
OCT	.173E+09	.188E-06	.140E-05	.159E+11	.284E-05	.713E-04
NOV	.130E+10	.282E-06	.209E-05	.134E+11	.707E-06	.307E-04
DEC	.134E+10	.149E-06	.174E-05	.180E+11	.529E-06	.200E-04
ADJ						
MONTHLY TOTALS	.281E+10	.854E-06	.651E-05	.176E+12	.416E-04	.107E-02
MONTHLY MAXIMUM RELEASE		(CI/DAY)	(CI/DAY)		(CI/DAY)	(CI/DAY)
		.940E-08	.696E-07		.258E-06	.458E-05
AVERAGE RELEASE		.695E-08	.529E-07		.115E-06	.297E-05
AVERAGE CONC.		(UCI/CC)	(UCI/CC)		(UCI/CC)	(UCI/CC)
		.304E-12	.232E-11		.237E-12	.610E-11

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

32

STACK NO. 296-U-10
PLANT CODE (271-U)

291-Z-1
(291-Z)

FACILITY 271-U PU STORAGE

Z PLANT

FUNCTION FILTERED EXHAUST THIRD FLOOR
PLUTONIUM STORAGE AREA.

FILTERED PROCESS AND
VENTILATION AIR FROM 234-5,
232-Z, 236-Z, AND 242-Z.

1975	VOL (L)	PU (CI)	BETA (CI)	VOL (L)	PJ (CI)	SrTh (CI)
JAN	.130E+11	.397E-07	.359E-06	.299E+12	.301E-04	.203E-03
FEB	.100E+11	.280E-07	.289E-06	.270E+12	.154E-04	.174E-03
MAR	.104E+11	.281E-07	.268E-06	.299E+12	.252E-04	.314E-03
APR	.130E+11	.105E-06	.385E-06	.289E+12	.204E-04	.252E-03
MAY	.104E+11	.476E-07	.252E-06	.299E+12	.206E-04	.146E-03
JUN	.104E+11	.396E-07	.550E-06	.293E+12	.224E-04	.243E-03
JUL	.130E+11	.793E-07	.531E-06	.293E+12	.443E-04	.104E-03
AUG	.857E+10	.475E-07	.211E-06	.303E+12	.250E-04	.143E-03
SEP				.297E+12	.199E-04	.102E-03
OCT				.299E+12	.348E-04	.126E-03
NOV				.292E+12	.205E-04	.124E-03
DEC				.299E+12	.149E-04	.046E-04
ADJ						
MONTHLY TOTALS	.888E+11	.415E-06	.284E-05	.353E+13	.295E-03	.203E-02
MONTHLY MAXIMUM RELEASE		(CI/DAY) .300E-08	(CI/DAY) .196E-07		(CI/DAY) .148E-05	(CI/DAY) .101E-04
AVERAGE RELEASE		.174E-08	.119E-07		.816E-06	.564E-05
AVERAGE CONC.		(UCI/CC) .467E-14	(UCI/CC) .320E-13		(UCI/CC) .835E-13	(UCI/CC) .577E-12

RADIOACTIVE GASEOUS WASTE - MONTHLY DATA - 1975

33

STACK NO. 296-Z-3
PLANT CODE (241-Z)

296-Z-9
(Z9STK)

FACILITY 241-Z VAULT

216-Z-9 CRIB

FUNCTION FILTERED AIR FROM 241-Z SUMP
AND VESSEL VENTS.

FILTERED AIR FROM THE 216-Z-9
CRIB AND CUBICLE.

1975	VOL (L)	PU (CI)	BETA (CI)
JAN	.177E+10	.250E-06	.914E-06
FEB	.160E+10	.144E-05	.113E-04
MAR	.177E+10	.140E-06	.104E-05
APR	.165E+10	.157E-06	.121E-05
MAY	.174E+10	.509E-06	.828E-06
JUN	.172E+10	.199E-06	.614E-06
JUL	.176E+10	.215E-06	.115E-05
AUG	.177E+10	.873E-07	.673E-06
SEP	.171E+10	.122E-06	.820E-06
OCT	.177E+10	.103E-06	.885E-06
NOV	.171E+10	.933E-07	.576E-06
DEC	.177E+10	.872E-07	.560E-06
ADJ			

VOL (L)	PU (CI)	BETA (CI)
.873E+08	.260E-07	.172E-07
.236E+10	.354E-06	.128E-05
.160E+12	.884E-06	.301E-07

MONTHLY TOTALS	.207E+11	.340E-05	.206E-04
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.163E+12	.126E-05	.430E-05
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MONTHLY MAXIMUM RELEASE	(CI/DAY)	(CI/DAY)
	.514E-07	.404E-06

(CI/DAY)	(CI/DAY)
.260E-07	.473E-07

AVERAGE RELEASE	.940E-08	.568E-07
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.136E-07	.154E-06
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AVERAGE CONC.	(UCI/CC)	(UCI/CC)
	.164E-12	.992E-12

(UCI/CC)	(UCI/CC)
.776E-14	.264E-13

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