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RELEASES of RADIOACTIVITY
at the
SAVANNAH RIVER PLANT

HEALTH PROTECTION DEPARTMENT
SAVANNAH RIVER PLANT

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**RELEASES OF RADIOACTIVITY AT THE
SAVANNAH RIVER PLANT
1954 THROUGH 1980**

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January 1982

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INTRODUCTION

This report contains summaries of releases of radioactivity to onsite seepage basins and to plant effluents for each year since plant startup (1954 through 1980). Releases for the years 1954 through 1959 were reassessed in 1974 and assigned release values for specific long-lived radionuclides. These long-lived radionuclides (half-lives greater than 1 year) are the only radionuclides included for the years 1954 through 1970. Since 1970 all detectable radionuclides have been included. Measured migration of radionuclides from F-, H-, and K-Area seepage basins and desorption of ^{137}Cs from the Four Mile Creek stream bed are included in Summary B of this report.

Summaries of monthly releases for 1979 and 1980 and total SRP releases by radionuclide in three categories: liquid to seepage basins, liquid to streams, and atmospheric are also included. Monthly releases for 1979 are included because the 1979 issue of this report was not published. All 1979 data are included in this report.

DISCUSSION

Releases of radioactivity before 1960 were reported primarily as alpha, nonvolatile beta, radioiodine, and tritium. Measurements of certain critical radionuclides were performed by radiochemical separations when necessary; however, technology at that time did not permit routine evaluation of specific radionuclides. Such evaluations are possible now because of improvements in gamma spectrometry, liquid scintillation counting, and low level beta counting combined with automation of counting equipment and data reduction by computer. These improvements, as they were incorporated, are reflected in the release summaries.

For the years 1954 through 1959, estimates of the specific long-lived radionuclides (^{60}Co , ^{90}Sr , ^{106}Ru , ^{137}Cs , ^{147}Pm , and in some instances tritium) were based on isotopic distributions observed during subsequent years from each emission source and from information obtained from internal Health Protection environmental publications. These publications, listed in the References of this report, were issued semiannually from 1954 through 1962 and annually beginning in 1963. Volumes of gaseous and liquid effluents, derived in a similar manner, are also included.

Releases of noble gases from the separations stacks are calculated values, and only the combined releases from F and H Areas beginning in 1971 are included because of security classification.

Annual releases of noble gases from separations areas for 1960 through 1970 are presented in DPSP 62-25-1 through DPST-71-25-1 (references 14 through 24). Tritium and ^{129}I releases to the atmosphere from F and H Areas are also combined to conform with security requirements. ^{41}Ar and noble gas releases from reactor stacks were measured and reported beginning in 1971. Atmospheric ^{129}I releases from the separations areas and ^{14}C releases from both the separations and reactor areas were calculated for 1955 through 1973 and tabulated on a prorated annual basis. Release calculations have been made annually since 1973.

Migration of tritium from the H-Area seepage basins has been measured in Four Mile Creek since 1958. Migration of tritium from the F-Area seepage basins has been measured since 1967. Strontium migration measurements from both F- and H-Area seepage basins to Four Mile Creek began in 1968. The tritium measurements from the F-Area seepage basins and strontium measurements from both F- and H-Area basins were made using continuous samplers and flow recorders that were installed at seven locations in Four Mile Creek during 1967 (locations are shown in the DPSPU 302 annual report series). The only other known seepage basin contributing radioactivity to an effluent stream is the K-Area containment basin. Tritium migration from this basin to Pen Branch was first measured in 1969. The tritium migration from the K-Area basin is measured with analysis of water from Indian Grave Branch which flows into Pen Branch.

INTERPRETATIVE NOTES

The following explanations of the release summaries are prepared for convenience of interpretation.

GENERAL

The E in the volume and curie values denotes exponential numbers. The E is followed by either a blank space or a minus sign and the exponent. The blank space represents a plus value for the exponent. Examples of this method of notation are as follows: 0.00515 is reported 5.1500E-03; 5.15 is reported 5.1500E 00; and 5150 is reported 5.1500E 03.

The accuracy of the value reported is not always implied by the number of significant digits reported. Values are generally not rounded off because data will be used in future cumulative summaries.

SUMMARY A. VOLUMES OF AIR AND WATER RELEASED (BLUE SECTION)

Volumes of gaseous and liquid effluents are listed for each emission source for each year since plant startup.

SUMMARY B. SRP RADIOACTIVE RELEASES (YELLOW SECTION)

This section is arranged in the following sequence: (1) Radionuclide in ascending order of mass number (e.g., H-3, C-14, P-32, etc.). (2) Emission sources generally in alphabetic order (e.g., A Area, C Area, D Area, etc.). (3) Type of release: atmospheric, liquid to streams, and liquid to seepage basins. Exceptions are atmospheric releases from Buildings 235-F and 772-F which are summarized on p 80.

As stated earlier, only radionuclides with half-lives greater than 1 year have been included for 1954 through 1970; all detectable radionuclides have been included since 1970.

The Decay Corrected columns contain the cumulative total, through the year listed, corrected for decay. When two or more radionuclides are combined (e.g., CO-58-60) or radionuclides are unidentified (e.g., UN-ID-ALPHA), decay is calculated based on the radionuclide with the longest half-life.

U-NAT represents ^{235}U , ^{238}U and UN-ID-B+G represents unidentified beta plus gamma.

Blank spaces in Original Release columns represent no detectable release.

SUMMARY C. TOTAL SRP RADIOACTIVE RELEASES BY RADIONUCLIDE (PINK SECTION)

This section contains annual release summaries for 1974 through 1980 and plant-to-date totals for each radionuclide from all emission sources in three categories: liquid to seepage basins, liquid to streams, and atmospheric.

SUMMARY D. 1980 MONTHLY RADIOACTIVE RELEASES FROM EACH EMISSION POINT (GREEN SECTION)

Tables in this section contain releases by month for all emission points and are arranged by departments in the following order: Reactor, Separations, Raw Materials, 400-D, and Technical.

SUMMARY E. 1979 MONTHLY RADIOACTIVE RELEASES FROM EACH EMISSION POINT (WHITE SECTION)

Tables in this section are arranged the same as in Summary D.

REFERENCES

1. Semiannual Progress Report, Regional Monitoring Group, Health Physics Section, July through December 1954, DPSP 55-25-34.
2. Semiannual Progress Report, Regional Monitoring Group, Health Physics Section, January through June 1955, DPSP 56-25-13
3. Health Physics Regional Monitoring, Semiannual Report, July through December 1955, DPSP 56-25-54.
4. Health Physics Regional Monitoring, Semiannual Report, January through June 1956, DPSP 57-25-54.
5. Health Physics Regional Monitoring, Semiannual Report, July through December 1956, DPSP 57-25-15.
6. Health Physics Regional Monitoring, Semiannual Report, January through June 1957, DPSP 57-25-43.
7. Health Physics Regional Monitoring, Semiannual Report, July through December 1957, DPSP 58-25-17.
8. Health Physics Regional Monitoring, Semiannual Report, January through June 1958, DPSP 58-25-38.
9. Health Physics Regional Monitoring, Semiannual Report, July through December 1958, DPSP 59-11-23.
10. Health Physics Regional Monitoring, Semiannual Report, January through June 1959, DPSP 59-11-30.
11. Health Physics Regional Monitoring, Semiannual Report, July through December 1959, DPSP 60-11-9.
12. Health Physics Regional Monitoring, Semiannual Report, January through June 1960, DPSP 60-25-26.
13. SRP Radioactive Waste Releases, Startup through 1959, DPSP 60-25-25.
14. 1960 Audit of SRP Radioactive Waste, DPSP 62-25-1.
15. 1961 Audit of SRP Radioactive Waste, DPSP 62-25-5.
16. 1962 Audit of SRP Radioactive Waste, DPSP 63-25-1.
17. 1963 Audit of SRP Radioactive Waste, DPSP 64-25-1.

18. 1964 Audit of SRP Radioactive Waste, DPSP 65-25-1.
19. 1965 Audit of SRP Radioactive Waste, DPST-66-25-1.
20. 1966 Audit of SRP Radioactive Waste, DPST-67-25-1.
21. 1967 Audit of SRP Radioactive Waste, DPST-68-25-1.
22. 1968 Audit of SRP Radioactive Waste, DPST-69-25-1.
23. 1969 Audit of SRP Radioactive Waste, DPST-70-25-1.
24. 1970 Releases of Radioactivity at the Savannah River Plant, DPST-71-25-1.
25. 1971 Releases of Radioactivity at the Savannah River Plant, DPSP 72-25-1.
26. 1972 Releases of Radioactivity at the Savannah River Plant, DPSP 73-25-1.
27. 1973 Releases of Radioactivity at the Savannah River Plant, DPSP 74-25-1.
28. Releases of Radioactivity at the Savannah River Plant, 1954 through 1978, DPSPU 75-25-1.

SUMMARY A
VOLUMES OF AIR AND WATER RELEASED
1954 THROUGH 1980

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	A 773 LIQUID TO STREAMS	A 773 ATMOSPHERIC	A 776 LIQUID TO SEEPAGE BASINS
	ORIGINAL RELEASE	ORIGINAL RELEASE	ORIGINAL RELEASE
1954			1.2300E+08
1955			4.5150E+07
1956			2.6060E+06
1957			8.8660E+06
1958		3.3600E+09	4.9210E+06
1959		3.3600E+09	5.6780E+06
1960		3.3600E+09	5.6780E+06
1961		3.3600E+09	3.4060E+06
1962		3.3600E+09	3.0280E+06
1963		3.3600E+09	3.0280E+06
1964		3.3600E+09	3.7850E+06
1965		3.3600E+09	2.8370E+06
1966		3.3600E+09	8.3300E+06
1967		3.3600E+09	7.8060E+06
1968		3.3600E+09	6.6320E+06
1969	3.9520E+08	3.3600E+09	7.5700E+06
1970	3.9520E+08	3.3600E+09	7.9480E+06
1971	3.8310E+08	3.3600E+09	6.9230E+06
1972	2.3900E+08	3.3600E+09	6.7390E+06
1973	3.9520E+08	3.3600E+09	7.2510E+06
1974	3.9520E+08	3.3600E+09	4.8740E+06
1975	3.9760E+08	3.2560E+09	4.3350E+06
1976	3.9760E+08	3.2560E+09	4.6330E+06
1977	4.3080E+08	3.2560E+09	4.9670E+06
1978	3.9760E+08	3.5280E+09	3.1108E+06
1979	3.9760E+08	3.2560E+09	3.1280E+06
1980	3.9760E+08	3.2560E+09	3.6230E+06
TOTAL	4.6217E+09	7.6932E+10	3.0005E+08

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	C 105 ATMOSPHERIC	C LIQUID TO STREAMS	C 66G LIQUID TO SEEPAGE BASINS
	ORIGINAL RELEASE	ORIGINAL RELEASE	ORIGINAL RELEASE
1954			
1955	3.7200E+09	3.9780E+09	
1956	3.7200E+09	3.1830E+09	
1957	3.7200E+09	2.4870E+09	
1958	3.7200E+09	2.6860E+09	
1959	3.7200E+09	2.9840E+09	7.5700E+05
1960	3.7200E+09	3.0250E+09	3.0000E+05
1961	3.7200E+09	2.1890E+09	1.1350E+06
1962	3.7200E+09	2.3280E+09	8.5000E+05
1963	4.6110E+09	2.7230E+09	6.3700E+05
1964	4.6110E+09	2.7910E+09	8.0300E+05
1965	1.6320E+09	3.0540E+09	1.0640E+06
1966	1.6300E+09	2.6680E+09	5.1600E+05
1967	1.6300E+09	2.8770E+09	1.0100E+05
1968	1.6300E+09	1.8540E+09	9.1980E+04
1969	1.6300E+09	1.5880E+09	1.9080E+06
1970	1.6230E+09	1.7030E+09	2.0800E+04
1971	1.2400E+09	1.6090E+09	
1972	1.2400E+09	4.0640E+09	
1973	1.2400E+09	6.9010E+09	
1974	1.2040E+09	5.4430E+09	
1975	2.2000E+09	5.7000E+09	
1976	2.7000E+09	6.1000E+09	
1977	3.3420E+09	7.2080E+09	
1978	2.5310E+09	2.3170E+11	1.4480E+06
1979	3.7370E+09	2.3790E+11	1.4900E+07
1980	2.8530E+09	2.6840E+11	9.2760E+06
TOTAL	7.1044E+10	8.1714E+11	3.3808E+07

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	D 400 LIQUID TO STREAMS		D 400 ATMOSPHERIC		F 291 ATMOSPHERIC	
	ORIGINAL RELEASE		ORIGINAL RELEASE		ORIGINAL RELEASE	
1954					3.3330E+09	
1955					3.3330E+09	
1956					3.3330E+09	
1957					3.3330E+09	
1958					3.3330E+09	
1959					3.3330E+09	
1960					3.3330E+09	
1961					3.3330E+09	
1962					3.3330E+09	
1963					3.2430E+09	
1964	1.0070E+08				3.2430E+09	
1965	1.0620E+07				3.2430E+09	
1966	1.0070E+08				3.2430E+09	
1967	1.2780E+07				3.2430E+09	
1968	1.0960E+07				3.2430E+09	
1969	1.0220E+07				3.2430E+09	
1970	6.0000E+03				3.2430E+09	
1971	6.2610E+06				3.1460E+09	
1972	6.4810E+06		3.1530E+08		3.1460E+09	
1973	6.7030E+06		3.1530E+08		3.4670E+09	
1974	6.8700E+06		3.1530E+08		3.4670E+09	
1975	6.3000E+06		3.1000E+08		3.0000E+09	
1976	6.1000E+06		3.1000E+08		3.2000E+09	
1977	6.0000E+06		3.1000E+08		3.7000E+09	
1978	5.9000E+06		3.1000E+08		3.7190E+09	
1979	6.1000E+06		3.1000E+08		4.0000E+09	
1980	6.0000E+06		3.1000E+08		4.2000E+09	
TOTAL	3.0890E+08		2.8059E+09		8.7653E+10	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	F 281 LIQUID TO STREAMS		F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC	
	ORIGINAL RELEASE		ORIGINAL RELEASE		ORIGINAL RELEASE	
1954	1.4270E+09				3.2140E+09	
1955	2.3000E+09		4.8350E+07		3.2140E+09	
1956	2.3000E+09		9.6710E+07		3.2140E+09	
1957	2.3000E+09		5.5400E+07		3.2140E+09	
1958	2.3000E+09		3.7850E+07		3.2140E+09	
1959	2.3000E+09		7.0780E+07		3.2140E+09	
1960	2.3000E+09		1.4540E+08		3.2140E+09	
1961	2.3000E+09		8.7050E+07		3.2140E+09	
1962	2.3000E+09		1.7380E+08		3.2140E+09	
1963	2.3000E+09		1.5030E+08		3.2050E+09	
1964	2.3000E+09		2.1000E+08		3.2050E+09	
1965	2.3000E+09		1.0590E+08		3.2050E+09	
1966	2.3000E+09		1.1130E+08		3.2050E+09	
1967	2.7400E+09		1.1670E+08		3.2050E+09	
1968	2.3000E+09		1.2640E+08		3.2050E+09	
1969	2.7400E+09		1.9490E+08		3.2050E+09	
1970	3.7400E+09		1.7080E+08		3.2510E+09	
1971	3.1420E+09		1.2280E+08		3.2510E+09	
1972	2.4900E+09		1.5270E+08		3.2430E+09	
1973	2.5960E+09		2.0800E+08		3.2430E+09	
1974	2.1450E+09		1.3070E+08		2.8000E+09	
1975	2.1000E+09		7.8750E+07		2.8000E+09	
1976	1.9000E+09		1.6790E+08		2.9000E+09	
1977	2.2550E+09		1.4650E+08		2.9680E+09	
1978	2.0420E+09		1.5450E+08		2.0000E+09	
1979	2.2000E+09		1.9100E+08		2.9000E+09	
1980	2.1000E+09		1.9340E+08			
TOTAL	6.2518E+10		3.4679E+09		8.1746E+10	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	H 281 LIQUID TO STREAMS	H 48G LIQUID TO SEEPAGE BASINS
	ORIGINAL RELEASE	ORIGINAL RELEASE
1954		
1955	1.4270E+09	4.8350E+07
1956	1.4270E+09	1.3830E+08
1957	1.4270E+09	1.3540E+08
1958	1.4270E+09	7.0020E+07
1959	1.4270E+09	5.4500E+07
1960	1.4270E+09	5.2870E+07
1961	1.4270E+09	6.2070E+07
1962	1.4270E+09	1.1570E+08
1963	1.4270E+09	1.2110E+08
1964	2.3000E+09	2.3850E+08
1965	1.4270E+09	4.0210E+08
1966	1.4270E+09	2.0590E+08
1967	1.1000E+09	1.9630E+08
1968	1.4270E+09	2.2630E+08
1969	1.1000E+09	2.7370E+08
1970	1.1000E+09	3.0580E+08
1971	1.0900E+09	3.0070E+08
1972	1.1860E+09	2.4000E+08
1973	1.4270E+09	2.1490E+08
1974	1.1990E+09	1.9830E+08
1975	1.1000E+09	1.5150E+08
1976	1.4000E+09	7.9470E+07
1977	1.2610E+09	7.7870E+07
1978	1.0630E+09	1.3080E+08
1979	1.3000E+09	1.5230E+08
1980	1.4000E+09	1.6590E+08
TOTAL	3.5150E+10	4.3586E+09

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	K 105 ATMOSPHERIC	K LIQUID TO STREAMS
	ORIGINAL RELEASE	ORIGINAL RELEASE
1954		
1955	4.6130E+09	3.9780E+09
1956	4.6130E+09	3.1830E+09
1957	4.6130E+09	2.4870E+09
1958	4.6130E+09	2.6860E+09
1959	4.6130E+09	2.9840E+09
1960	4.6130E+09	3.5980E+09
1961	4.6130E+09	3.1450E+09
1962	4.6130E+09	2.9250E+09
1963	3.3470E+09	3.4270E+09
1964	3.3470E+09	3.4260E+09
1965	1.6320E+09	4.7670E+09
1966	1.6320E+09	4.0800E+09
1967	1.6320E+09	4.9250E+09
1968	1.6320E+09	4.8840E+09
1969	1.6320E+09	4.8610E+09
1970	1.7870E+09	6.0680E+09
1971	1.7570E+09	6.0220E+09
1972	1.7570E+09	4.2780E+09
1973	1.7570E+09	7.6610E+09
1974	1.7570E+09	6.2760E+09
1975	2.3000E+09	6.3000E+09
1976	3.5000E+09	6.1000E+09
1977	3.5310E+09	7.5000E+09
1978	1.9860E+09	2.8710E+11
1979	2.2990E+09	2.5290E+11
1980	1.8860E+09	2.9430E+11
TOTAL	7.6075E+10	9.3986E+11

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	K 65G		K 904-88G	
	LIQUID TO SEEPAGE BASINS		LIQUID TO CONTAINMENT BASIN	
	ORIGINAL RELEASE		ORIGINAL RELEASE	
1954				
1955				
1956				
1957				
1958				
1959	7.5700E+05			
1960	7.5700E+05			
1961				
1962				
1963				
1964				
1965	1.8140E+08			
1966			4.5420E+08	
1967			3.2000E+08	
1968			2.3840E+08	
1969			1.6700E+08	
1970			7.9110E+07	
1971			3.4220E+07	
1972			3.6320E+07	
1973			3.8350E+07	
1974			3.6120E+07	
1975			1.4000E+07	
1976			5.0000E+07	
1977			2.1160E+07	
1978			1.7800E+07	
1979			1.7260E+07	
1980			1.6820E+07	
TOTAL	1.8291E+08		1.5408E+09	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	L 105		L		L 64G	
	ATMOSPHERIC		LIQUID TO STREAMS		LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE		ORIGINAL RELEASE		ORIGINAL RELEASE	
1954						
1955	4.6130E+09		3.9780E+09			
1956	4.6130E+09		3.1830E+09			
1957	4.6130E+09		2.4870E+09			
1958	4.6130E+09		2.6860E+09		7.3430E+06	
1959	4.6130E+09		2.9840E+09		7.5700E+05	
1960	4.6130E+09		5.8140E+09		7.5700E+05	
1961	4.6130E+09		3.2460E+09		1.1360E+06	
1962	4.6130E+09		2.8660E+09		8.5000E+05	
1963	3.3470E+09		3.3680E+09		1.8530E+06	
1964	3.3470E+09		3.5150E+09		7.5700E+05	
1965	1.6320E+09		3.7200E+09		9.2000E+03	
1966	1.6230E+09		3.9380E+09			
1967	1.6320E+09		3.7080E+09		8.8910E+05	
1968	1.6230E+09		3.1140E+09		3.3310E+05	
1969			2.0800E+09		8.7100E+06	
1970			7.2200E+08			
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
TOTAL	5.0108E+10		5.1410E+10		2.3394E+07	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	M 300 LIQUID TO SEEPAGE BASINS	M 300 ATMOSPHERIC
	ORIGINAL RELEASE	ORIGINAL RELEASE	ORIGINAL RELEASE
1954			
1955			
1956			
1957			
1958			
1959			
1960			
1961	2.0000E+05		
1962	1.4000E+05		
1963	1.4370E+05		
1964	9.6500E+05		
1965	9.9200E+05		
1966	5.5570E+05		
1967	2.5400E+05		
1968	2.8650E+05		
1969	1.5990E+04		
1970	5.2600E+04		
1971	4.1790E+04		
1972	8.8210E+04		
1973	1.3330E+04		
1974		2.0630E+06	1.1190E+08
1975	3.8000E+04	1.9000E+06	1.3420E+09
1976	3.3000E+04	3.2000E+06	1.3400E+09
1977	9.0690E+04	1.0810E+07	1.3420E+09
1978	7.570E+03	3.3420E+07	1.3420E+09
1979	7.6000E+03	3.3880E+07	1.3420E+09
1980		3.2210E+07	1.3420E+09
TOTAL	3.9257E+06	1.1748E+08	8.1619E+09

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	M 313 LIQUID TO STREAMS	P 105 ATMOSPHERIC	P LIQUID TO STREAMS
	ORIGINAL RELEASE	ORIGINAL RELEASE	ORIGINAL RELEASE
1954			
1955	1.3200E+08	3.5710E+09	3.9780E+09
1956	1.9920E+08	3.5710E+09	3.1830E+09
1957	2.7300E+08	3.5710E+09	2.4870E+09
1958	8.0000E+07	3.5710E+09	2.6860E+09
1959	9.8000E+07	3.5710E+09	2.9840E+09
1960	5.2000E+08	3.5710E+09	5.6080E+09
1961	7.5400E+08	3.5710E+09	3.0550E+09
1962	1.0400E+09	3.5710E+09	2.8440E+09
1963	9.1660E+08	2.0530E+09	2.8900E+09
1964	7.4880E+08	2.0530E+09	3.2520E+09
1965	7.8320E+08	1.6320E+09	3.2030E+09
1966	1.0190E+09	1.6300E+09	2.7980E+09
1967	1.1090E+09	1.6320E+09	2.5570E+09
1968	1.1350E+09	1.6320E+09	1.4680E+09
1969	7.2310E+08	1.6320E+09	1.5990E+09
1970	7.5890E+08	1.4850E+09	6.4030E+09
1971	5.8670E+08	1.3870E+09	5.7920E+09
1972	3.3630E+08	1.3870E+09	5.6240E+09
1973	1.7910E+08	1.3870E+09	7.4880E+09
1974	4.2570E+08	1.3870E+09	6.5760E+09
1975	4.8000E+08	2.7000E+09	5.0000E+09
1976	3.1000E+08	3.4000E+09	5.9000E+09
1977	2.0300E+08	3.7710E+09	6.2240E+09
1978	1.1850E+08	2.0160E+09	5.7890E+09
1979	1.5470E+08	2.2470E+09	3.0320E+11
1980	1.4810E+08	2.3060E+09	2.7370E+11
TOTAL	1.3232E+10	6.4305E+10	6.7629E+11

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	P 61G LIQUID TO SEEPAGE BASINS	CMX-TNX LIQUID TO SEEPAGE BASINS	CMX-TNX ATMOSPHERIC
	ORIGINAL RELEASE	ORIGINAL RELEASE	ORIGINAL RELEASE
1954			
1955			
1956			
1957	7.5700E+05		2.2300E+08
1958	2.2710E+05		2.2300E+08
1959	7.5700E+05		2.2300E+08
1960	7.5700E+05		2.2300E+08
1961	1.1360E+06		2.2300E+08
1962	8.5000E+05		2.2300E+08
1963	1.1360E+06		2.2300E+08
1964	6.5000E+06		2.2300E+08
1965	2.2250E+04		2.2300E+08
1966	9.8400E+04		2.2300E+08
1967	1.5330E+03		2.2300E+08
1968	4.1520E+06	2.1560E+08	2.2300E+08
1969		1.7900E+08	2.2300E+08
1970	5.0200E+03		2.2300E+08
1971			2.2300E+08
1972			2.2300E+08
1973			2.2300E+08
1974			2.2300E+08
1975			7.4000E+06
1976			7.4400E+06
1977			7.4370E+06
1978	8.8800E+06	1.2000E+06	
1979	2.2910E+07	8.0000E+05	
1980	1.1960E+07	2.0000E+05	
TOTAL	6.0229E+07	3.9680E+08	3.1443E+09

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

	R 105 ATMOSPHERIC	R LIQUID TO STREAMS	R 60G LIQUID TO SEEPAGE BASINS
	ORIGINAL RELEASE	ORIGINAL RELEASE	ORIGINAL RELEASE
1954		9.9470E+09	
1955		3.9780E+09	
1956	4.3150E+09	3.1830E+09	
1957	4.3150E+09	3.1830E+09	6.8130E+06
1958	4.3150E+09	2.6860E+09	6.0150E+06
1959	4.3150E+09	2.9840E+09	7.5700E+05
1960	4.3150E+09	5.8800E+09	1.1360E+06
1961	4.3150E+09	3.4810E+09	8.5000E+05
1962	4.3150E+09	3.5050E+09	1.1360E+06
1963	2.5000E+09	3.1040E+09	7.5700E+05
1964	2.5000E+09	2.4550E+09	
1965			
1966			
1967			
1968			
1969			
1970			
1971			
1972			
1973			
1974			
1975			
1976			
1977			
1978			
1979			
1980			
TOTAL	3.9520E+10	4.4386E+10	1.8221E+07

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

VOLUMES

UNITS: ATMOSPHERIC, CUBIC METERS; LIQUID, LITERS

CENTRAL SHOPS (FORD BUILDING)
LIQUID TO SEEPAGE BASINS

ORIGINAL
RELEASE

1954	
1955	
1956	
1957	
1958	
1959	
1960	
1961	
1962	
1963	
1964	1.7390E+05
1965	5.1200E+05
1966	1.7390E+05
1967	
1968	
1969	
1970	
1971	
1972	
1973	
1974	
1975	
1976	
1977	
1978	
1979	3.5900E+04
1980	1.7970E+05
TOTAL	1.0754E+06

SUMMARY B
SRP RADIOACTIVE RELEASES

1954 THROUGH 1980

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	A 773 ATMOSPHERIC		A 776 LIQUID TO SEEPAGE BASINS		C 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					7.0000E+02	6.8057E+02
1955					6.8000E+03	7.2546E+03
1956					1.2900E+04	1.9399E+04
1957					2.9500E+04	4.7018E+04
1958					5.2500E+04	9.5487E+04
1959	6.2600E+03	6.0862E+03			6.8900E+04	1.5725E+05
1960	5.5000E+03	1.1100E+04			3.9000E+04	1.8656E+05
1961	2.6700E+03	1.3089E+04			4.3600E+04	2.1873E+05
1962	3.8200E+02	1.2743E+04			6.9000E+04	7.384E+05
1963		1.2046E+04			9.4200E+04	3.5044E+05
1964	1.9700E+02	1.1578E+04			1.0010E+05	4.2857E+05
1965	6.0600E+01	1.1002E+04			7.6600E+04	4.7959E+05
1966	3.8000E+02	1.0770E+04			8.0200E+04	5.3130E+05
1967	1.1000E+02	1.0287E+04			1.1330E+05	6.1237E+05
1968	1.2000E+02	9.8404E+03	4.5000E+01	4.3751E+01	6.4000E+04	6.4107E+05
1969	1.2000E+02	9.4184E+03	2.2000E+01	6.2745E+01	5.9690E+04	6.6401E+05
1970	1.2000E+02	9.0194E+03	5.8000E+01	1.1570E+02	7.9830E+04	7.0527E+05
1971	2.8900E+02	8.8064E+03	7.2000E+01	1.7937E+02	8.0000E+04	7.4444E+05
1972	2.2000E+02	8.5384E+03	2.0000E+01	1.8899E+02	5.9480E+04	7.6152E+05
1973	7.3300E+02	8.7836E+03	3.0000E+00	1.8156E+02	7.6740E+04	7.9444E+05
1974	5.2700E+02	8.8151E+03	1.2000E+01	1.8329E+02	3.8050E+04	7.8794E+05
1975	6.0300E+02	8.9188E+03	4.0000E+00	1.7715E+02	3.3540E+04	7.7742E+05
1976	7.5000E+01	8.5035E+03	4.1220E+00	1.7146E+02	8.2920E+04	8.1547E+05
1977	4.0000E+00	8.0419E+03	1.2050E+00	1.6324E+02	6.2810E+04	8.3190E+05
1978		7.6014E+03	5.0760E-01	1.5480E+02	6.2060E+04	8.4669E+05
1979		7.1855E+03	9.0000E-01	1.4720E+02	5.8170E+04	8.5690E+05
1980		6.7921E+03		1.3914E+02		
TOTAL	1.8370E+04		2.4273E+02		1.5446E+06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		D 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.1740E+03	1.1414E+03				
1956	1.8780E+03	2.9048E+03				
1957	3.0050E+03	5.6674E+03				
1958	5.9500E+03	1.1142E+04				
1959	9.9590E+03	2.0215E+04	5.0000E+02	4.8612E+02		
1960	1.1780E+04	3.0561E+04	6.6000E+01	5.2368E+02	5.9330E+03	5.7683E+03
1961	1.0120E+04	3.8727E+04	1.1760E+03	1.6384E+03	1.6470E+04	2.1465E+04
1962	1.1330E+04	4.7622E+04	1.6440E+03	3.1470E+03	1.3290E+04	3.3211E+04
1963	1.5120E+04	5.9716E+04	5.8700E+02	3.5455E+03	1.3950E+04	4.4956E+04
1964	1.8040E+04	7.3986E+04	1.1730E+04	1.4756E+04	1.4260E+04	5.6359E+04
1965	1.9120E+04	8.8525E+04	1.6710E+03	1.5573E+04	1.0500E+04	6.3482E+04
1966	1.5240E+04	9.8495E+04	6.4000E+01	1.4782E+04	5.8550E+03	6.5699E+04
1967	1.2750E+04	1.0550E+05	4.9100E+02	1.4450E+04	6.9040E+03	6.8815E+04
1968	1.1340E+04	1.1075E+05	2.4300E+02	1.3896E+04	1.2480E+04	7.7181E+04
1969	1.3650E+04	1.1796E+05	3.9900E+02	1.3523E+04	9.8230E+03	8.2506E+04
1970	7.8660E+03	1.1915E+05	1.7490E+03	1.4483E+04	5.6210E+03	8.3454E+04
1971	5.4060E+03	1.1788E+05		1.3690E+04	1.6140E+03	8.0455E+04
1972	3.9420E+03	1.1526E+05		1.2941E+04	1.6180E+03	7.7624E+04
1973	9.5680E+03	1.1025E+05		1.2232E+04	1.1400E+03	7.4482E+04
1974	1.2280E+04	1.2372E+05		1.1563E+04	8.1800E+02	7.1200E+04
1975	6.5140E+03	1.2328E+05		1.0930E+04	1.7760E+03	6.9029E+04
1976	1.6130E+04	1.3221E+05		1.0331E+04	2.0420E+03	6.7235E+04
1977	1.2620E+04	1.3724E+05		9.7656E+03		
1978	8.1950E+03	1.3707E+05	7.6090E+02	9.9708E+03		
1979	3.0910E+03	1.3316E+05	7.3100E+03	1.6532E+04		
1980	3.3140E+03	1.2910E+05	4.7740E+03	2.0268E+04		
TOTAL	2.4938E+05		3.3165E+04		1.2409E+05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	D 400 ATMOSPHERIC		F 281 LIQUID TO STREAMS		F - MEASURED MIGRATION FROM SEEPAGE BASINS TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968			2.4000E+01	2.3334E+01	2.6000E+03	2.5278E+03
1969			3.0000E+01	5.1224E+01	2.8870E+03	5.1963E+03
1970			2.5000E+01	7.2726E+01	2.5890E+03	7.4290E+03
1971			2.2000E+01	9.0134E+01	2.5920E+03	9.5423E+03
1972	6.0900E+03	5.9210E+03	3.1000E+01	1.1534E+02	2.2990E+03	1.1255E+04
1973	5.3300E+03	1.0779E+04	3.3000E+01	1.4111E+02	3.4850E+03	1.4027E+04
1974	4.1850E+03	1.4258E+04	2.8000E+01	1.6061E+02	4.1850E+03	1.7328E+04
1975	3.0550E+03	1.6447E+04	1.9000E+01	1.7029E+02	3.1760E+03	1.9467E+04
1976	2.9250E+03	1.8391E+04	9.4200E+00	1.7012E+02	2.0800E+03	2.0424E+04
1977	2.8500E+03	2.0155E+04	8.7100E+00	1.6928E+02	2.6530E+03	2.1885E+04
1978	2.8800E+03	2.1851E+04	9.6000E+00	1.6934E+02	3.6570E+03	2.4243E+04
1979	2.2000E+03	2.2843E+04	9.4000E+00	1.6921E+02	3.4540E+03	2.6274E+04
1980	2.0000E+03	2.3537E+04	1.1000E+01	1.7064E+02	2.1600E+03	2.6935E+04
TOTAL	3.1565E+04		2.6013E+02		1.5070E+03	2.6926E+04

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	COMBINED F AND H ATMOSPHERIC		COMBINED F AND H LIQUID TO SEEPAGE BASINS		H 281 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
TOTAL	1.3237E+07		4.9447E+05		4.6000E+01	4.4723E+01

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	H - MEASURED MIGRATION FROM SEEPAGE BASINS TO STREAMS		K 105 ATMOSPHERIC		K LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958	4.0000E+02	3.8890E+02	1.2000E+03	1.1667E+03	1.1740E+03	1.1414E+03
1959	8.0000E+02	1.1454E+03	3.4000E+03	4.4084E+03	1.8780E+03	2.9048E+03
1960	1.6000E+03	2.6383E+03	1.5400E+04	1.9140E+04	3.0050E+03	5.6674E+03
1961	2.0000E+03	4.4383E+03	9.9000E+03	3.2900E+04	5.6710E+03	1.0871E+04
1962	1.7000E+03	5.8482E+03	3.2900E+04	5.8186E+04	7.9240E+03	1.7980E+04
1963	2.7000E+03	8.1531E+03	5.7400E+04	1.1081E+05	6.7140E+03	2.3523E+04
1964	4.7000E+03	1.2276E+04	3.6400E+04	1.4013E+05	1.2590E+04	3.4476E+04
1965	5.6000E+03	1.7049E+04	6.9100E+04	1.9964E+05	9.8900E+03	4.2204E+04
1966	4.6000E+03	2.0588E+04	1.0570E+05	2.9148E+05	3.3270E+04	7.2240E+04
1967	3.0000E+03	2.2377E+04	9.5600E+04	3.6847E+05	1.4740E+04	8.2616E+04
1968	2.9030E+03	2.3975E+04	1.2480E+05	4.6963E+05	3.0320E+04	1.0757E+05
1969	3.5000E+03	2.6065E+04	9.3000E+04	5.3434E+05	1.0720E+04	1.1211E+05
1970	4.3950E+03	2.8911E+04	1.1910E+05	6.2088E+05	1.3860E+04	1.1944E+05
1971	9.5440E+03	3.6608E+04	1.0500E+05	6.8898E+05	1.3410E+03	1.2199E+05
1972	5.3620E+03	3.9817E+04	8.6800E+04	7.3565E+05	5.7150E+03	1.2086E+05
1973	6.8110E+03	4.4259E+04	1.1460E+05	8.0680E+05	1.4130E+03	1.1562E+05
1974	5.7300E+03	4.7407E+04	7.9820E+04	8.4023E+05	1.3940E+03	1.1065E+05
1975	6.8000E+03	5.1423E+04	1.1890E+05	9.0934E+05	1.9870E+03	1.0652E+05
1976	4.3030E+03	5.2791E+04	1.0680E+05	9.6386E+05	3.6100E+03	1.0396E+05
1977	4.5260E+03	5.4302E+04	8.4890E+04	9.9363E+05	4.6770E+03	1.0262E+05
1978	5.4580E+03	5.6635E+04	5.4100E+04	9.9183E+05	1.2680E+04	1.0933E+05
1979	6.6900E+03	6.0039E+04	5.8260E+04	9.9418E+05	4.3710E+03	1.0759E+05
1980	5.3150E+03	6.1920E+04	4.2510E+04	9.8108E+05	4.4480E+03	1.0603E+05
TOTAL	9.8437E+04		5.2360E+04	9.5963E+05	4.0730E+03	9.9910E+04
			1.7575E+06		2.1218E+05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	K 65G LIQUID TO SEEPAGE BASINS		K 904-88G LIQUID TO CONTAINMENT BASIN		K - MEASURED MIGRATION FROM SEEPAGE BASINS TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959	5.0000E+02	4.8612E+02				
1960		4.5951E+02				
1961		4.3435E+02				
1962		4.1057E+02				
1963		3.8810E+02				
1964		3.6685E+02				
1965	4.6700E+03	4.8871E+03				
1966		4.6196E+03	4.2000E+04	4.0834E+04	1.2700E+04	1.2347E+04
1967		4.3667E+03	3.8000E+04	7.5544E+04	5.9000E+03	1.7408E+04
1968		4.1276E+03	2.3540E+04	9.4295E+04	6.0000E+03	2.2288E+04
1969		3.9017E+03	2.3420E+04	1.1190E+05	8.4000E+03	2.9235E+04
1970		3.6881E+03	1.9890E+04	1.2511E+05	1.6790E+04	4.3958E+04
1971		3.4862E+03	1.6920E+04	1.3472E+05	1.8220E+04	5.9266E+04
1972		3.2953E+03	2.3790E+04	1.5047E+05	1.8600E+04	7.4105E+04
1973		3.1149E+03	3.3610E+04	1.7491E+05	2.0900E+04	9.0368E+04
1974		2.9444E+03	1.7250E+04	1.8211E+05	8.4000E+03	9.3588E+04
1975		2.7832E+03	1.5600E+04	1.8730E+05	1.1500E+04	9.9645E+04
1976		2.6308E+03	3.2590E+04	2.0873E+05	1.0430E+04	1.0596E+05
1977		2.4368E+03	1.2540E+04	2.0950E+05		
1978		2.3507E+03	9.0240E+03	2.0680E+05		
1979		2.2220E+03	8.5840E+03	2.0383E+05		
1980		2.1004E+03	9.1700E+03	2.0159E+05		
TOTAL	5.1700E+03		3.2593E+05		1.4539E+05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** Curies ***

	L 105 ATMOSPHERIC		L LIQUID TO STREAMS		L 64G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.9000E+03	1.8473E+03	1.1740E+03	1.1414E+03		
1956	4.7000E+03	6.3157E+03	1.8780E+03	2.9048E+03		
1957	1.3000E+04	1.8609E+04	3.0050E+03	5.6674E+03		
1958	2.3900E+04	4.0827E+04	5.4080E+03	1.0615E+04	3.1200E+02	3.0334E+02
1959	2.5700E+04	6.3579E+04	5.9200E+03	1.5790E+04	5.0000E+02	7.7285E+02
1960	3.5800E+04	9.4904E+04	1.0540E+04	2.5173E+04		7.3054E+02
1961	4.1400E+04	1.2996E+05	1.0710E+04	3.4207E+04	3.2000E+01	7.2166E+02
1962	5.6200E+04	1.7748E+05	9.4570E+03	4.1529E+04	1.2000E+01	6.9382E+02
1963	5.8000E+04	2.2416E+05	2.0050E+03	4.1205E+04	9.0000E+01	7.4334E+02
1964	1.7760E+05	3.8456E+05	1.4960E+04	5.3494E+04	2.7700E+02	9.7196E+02
1965	9.9600E+04	4.6034E+05	1.4890E+04	6.5042E+04	7.2000E+01	9.8875E+02
1966	8.3000E+04	3.1584E+05	1.8650E+04	7.9614E+04		9.3462E+02
1967	8.0400E+04	5.6576E+05	1.1340E+04	8.6280E+04	9.1200E+02	1.7701E+03
1968	3.9600E+04	5.7329E+05	8.9530E+03	9.0261E+04	5.5220E+03	7.0420E+03
1969		5.4191E+05	8.9100E+02	8.6186E+04	1.0800E+02	6.7614E+03
1970		5.1224E+05	2.8100E+02	8.1741E+04		6.3913E+03
1971		4.8420E+05		7.7266E+04		6.0414E+03
1972		4.5769E+05		7.3036E+04		5.7107E+03
1973		4.3264E+05		6.9038E+04		5.3980E+03
1974		4.0893E+05		6.5259E+04		5.1025E+03
1975		3.8656E+05		6.1686E+04		4.8232E+03
1976		3.6540E+05		5.8309E+04		4.5591E+03
1977		3.4540E+05		5.5117E+04		4.3096E+03
1978		3.2649E+05		5.2100E+04		4.0736E+03
1979		3.0862E+05		4.9247E+04		3.8506E+03
1980		2.9172E+05		4.6551E+04		3.6398E+03
TOTAL	7.4080E+05		1.2006E+05		7.8370E+03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** Curies ***

	L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		M 300 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955					2.2000E+03	2.1389E+03
1956					1.0300E+04	1.2036E+04
1957					1.3800E+04	2.4794E+04
1958					1.4800E+04	3.7826E+04
1959					2.6500E+04	6.1519E+04
1960					5.2500E+04	1.0919E+05
1961	8.4750E+03	8.2398E+03			5.3700E+04	1.5543E+05
1962	2.2950E+03	1.0020E+04			8.5400E+04	2.2995E+05
1963	3.0570E+03	1.2444E+04			5.6500E+04	2.7229E+05
1964	2.8330E+03	1.4517E+04			8.0300E+04	3.3545E+05
1965	6.1520E+03	1.9703E+04			6.9500E+04	3.8466E+05
1966	4.4950E+03	2.2995E+04			4.8800E+04	4.1105E+05
1967	1.0100E+03	2.2718E+04			4.6400E+04	4.3366E+05
1968	3.1840E+03	2.4570E+04			2.8300E+04	4.3743E+05
1969	5.7200E+02	2.3781E+04			3.3100E+04	4.4567E+05
1970	1.9000E+02	2.2664E+04			4.5740E+04	4.6576E+05
1971	2.8900E+02	2.1704E+04			4.6420E+04	4.8337E+05
1972	9.1900E+02	2.1409E+04			4.9540E+04	5.0697E+05
1973	2.9200E+02	2.0521E+04			6.7220E+04	5.4457E+05
1974		1.9398E+04			7.1160E+04	5.8394E+05
1975	2.0900E+02	1.8539E+04			6.7220E+04	6.1733E+05
1976	2.4400E+02	1.7761E+04	2.7200E+00	2.6445E+00	4.5730E+04	6.2799E+05
1977	1.9070E+02	1.6974E+04		2.4997E+00	3.9420E+04	6.3194E+05
1978	4.4000E+01	1.6088E+04		2.3629E+00	3.4490E+04	6.3088E+05
1979	1.0500E+02	1.5309E+04		2.2335E+00	4.5860E+04	6.4093E+05
1980		1.4471E+04		2.1113E+00	3.1440E+04	6.3641E+05
TOTAL	3.4556E+04		2.7200E+00		1.1663E+06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS		CMX-TNX ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.1740E+03	1.1414E+03				
1956	1.8780E+03	2.9048E+03				
1957	3.0050E+03	5.6674E+03	1.9500E+02	1.8959E+02		
1958	2.8200E+03	8.0988E+03	3.1200E+02	4.8255E+02		
1959	7.4660E+03	1.4914E+04	5.0000E+02	9.4225E+02	8.3000E+03	8.0696E+03
1960	9.2310E+03	2.3073E+04	9.6000E+01	9.8400E+02	3.5000E+03	1.1031E+04
1961	1.0220E+04	3.1746E+04	1.8730E+03	2.7511E+03	1.7110E+03	1.2090E+04
1962	7.8450E+03	3.7635E+04	8.6000E+01	2.6841E+03	1.9100E+02	1.1614E+04
1963	8.0690E+03	4.3420E+04	7.2000E+01	2.6072E+03	5.6600E+02	1.1529E+04
1964	1.1910E+04	5.2622E+04	1.6650E+03	4.0833E+03	6.4000E+02	1.1520E+04
1965	1.1160E+04	6.0592E+04	2.9600E+03	6.7376E+03	4.0000E+02	1.1278E+04
1966	1.5140E+04	7.1994E+04	8.4000E+01	6.4504E+03	7.4200E+03	1.7875E+04
1967	9.2450E+03	7.7041E+04	1.1700E+02	6.2110E+03	6.8910E+03	2.3596E+04
1968	1.1010E+04	8.3528E+04	1.9140E+03	7.7319E+03		2.2304E+04
1969	1.4550E+04	9.3102E+04		7.3086E+03	2.1400E+03	2.3164E+04
1970	8.4120E+03	9.6183E+04	3.8940E+03	1.0694E+04		2.1896E+04
1971	5.4280E+03	9.6195E+04		1.0109E+04	3.1600E+02	2.1004E+04
1972	9.4880E+03	1.0015E+05		9.5555E+03	1.5000E+01	1.9869E+04
1973	1.7930E+04	1.1210E+05		9.0324E+03	2.2900E+02	1.9004E+04
1974	1.2800E+04	1.1841E+05		8.5379E+03	1.5000E+01	1.7978E+04
1975	9.7650E+03	1.2142E+05		8.0705E+03		1.6994E+04
1976	1.2650E+04	1.2707E+05		7.6287E+03		1.6063E+04
1977	9.6520E+03	1.2950E+05		7.2111E+03		1.5184E+04
1978	5.3750E+03	1.2764E+05	4.3020E+03	1.0999E+04		1.4353E+04
1979	3.8260E+03	1.2437E+05	1.0100E+04	2.0216E+04		1.3567E+04
1980	2.8450E+03	1.2033E+05	5.5780E+03	2.4533E+04		1.2824E+04
TOTAL	2.2289E+05		3.3748E+04		3.2334E+04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	R 105 ATMOSPHERIC		R LIQUID TO STREAMS		R 60G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			3.6600E+02	3.5584E+02		
1955	6.0000E+02	5.8335E+02	1.1740E+03	1.4778E+03		
1956	4.4000E+03	4.8293E+03	1.8780E+03	3.2227E+03		
1957	8.8000E+03	1.3121E+04	3.0050E+03	5.9679E+03	3.0050E+03	2.9216E+03
1958	2.2900E+04	3.4667E+04	4.1930E+03	9.7178E+03	3.1200E+02	3.0650E+03
1959	2.6300E+04	5.8339E+04	9.8830E+03	1.8794E+04	5.0000E+02	3.3833E+03
1960	4.0000E+04	9.4035E+04	8.6640E+03	2.6189E+04	4.8810E+03	7.9436E+03
1961	1.7600E+04	1.0600E+05	1.0200E+04	3.4672E+04	3.2200E+02	7.8218E+03
1962	5.0900E+04	1.4968E+05	8.1600E+03	4.0708E+04	1.0000E+00	7.3946E+03
1963	4.6800E+04	1.8699E+05	1.6230E+04	5.4259E+04		6.9898E+03
1964	5.6000E+04	2.3120E+05	1.5100E+04	6.5969E+04	5.5000E+01	6.6606E+03
1965		2.1854E+05		6.2358E+04		6.2959E+03
1966		2.0658E+05		5.8944E+04		5.9513E+03
1967		1.9527E+05		5.5717E+04		5.6255E+03
1968		1.8453E+05		5.2667E+04		5.3175E+03
1969		1.7447E+05		4.9784E+04		5.0264E+03
1970		1.6492E+05		4.7058E+04		4.7512E+03
1971		1.5589E+05		4.4482E+04		4.4911E+03
1972		1.4736E+05		4.2047E+04		4.2453E+03
1973		1.3929E+05		3.9745E+04		4.0129E+03
1974		1.3167E+05		3.7569E+04		3.7932E+03
1975		1.2446E+05		3.5513E+04		3.5855E+03
1976		1.1765E+05		3.3568E+04		3.3892E+03
1977		1.1120E+05		3.1731E+04		3.2037E+03
1978		1.0512E+05		2.9994E+04		3.0283E+03
1979		9.9362E+04		2.8352E+04		2.8625E+03
1980		9.3923E+04		2.6800E+04		2.7058E+03
TOTAL	2.7430E+05		7.8853E+04		9.0760E+03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

CENTRAL SHOPS (FORD BUILDING)
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964	1.9000E+01	1.8473E+01
1965	4.4800E+02	4.5303E+02
1966		4.2822E+02
1967		4.0478E+02
1968		3.8262E+02
1969		3.6168E+02
1970		3.4188E+02
1971		3.2316E+02
1972		3.0547E+02
1973		2.8875E+02
1974		2.7294E+02
1975		2.5800E+02
1976		2.4387E+02
1977		2.3052E+02
1978		2.1790E+02
1979	1.0000E+00	2.0695E+02
1980		1.9562E+02
TOTAL	4.6800E+02	

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*** CURIES ***

C 105
ATMOSPHERIC

F 291
ATMOSPHERIC

H 291
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	9.0000E+00	8.9995E+00	1.7500E+01	1.7499E+01	1.7500E+01	1.7499E+01
1956	9.0000E+00	1.7998E+01	1.7500E+01	3.4996E+01	1.7500E+01	3.4996E+01
1957	9.0000E+00	2.6995E+01	1.7500E+01	5.2491E+01	1.7500E+01	5.2491E+01
1958	9.0000E+00	3.5991E+01	1.7500E+01	6.9983E+01	1.7500E+01	6.9983E+01
1959	1.6000E+01	5.1986E+01	2.8000E+01	9.7973E+01	2.8000E+01	9.7973E+01
1960	1.6000E+01	6.7979E+01	2.8000E+01	1.2596E+02	2.8000E+01	1.2596E+02
1961	1.6000E+01	8.3970E+01	2.8000E+01	1.5394E+02	2.8000E+01	1.5394E+02
1962	1.6000E+01	9.9959E+01	2.8000E+01	1.8192E+02	2.8000E+01	1.8192E+02
1963	1.6000E+01	1.1595E+02	2.8000E+01	2.0990E+02	2.8000E+01	2.0990E+02
1964	1.4000E+01	1.2993E+02	2.3000E+01	2.3287E+02	2.3000E+01	2.3287E+02
1965	1.6000E+01	1.4591E+02	2.3000E+01	2.5584E+02	2.3000E+01	2.5584E+02
1966	1.6000E+01	1.6190E+02	2.3000E+01	2.7881E+02	2.3000E+01	2.7881E+02
1967	1.6000E+01	1.7788E+02	2.3000E+01	3.0178E+02	2.3000E+01	3.0178E+02
1968	1.4000E+01	1.9185E+02	1.8000E+01	3.1974E+02	1.8000E+01	3.1974E+02
1969	1.7000E+01	2.0883E+02	1.8000E+01	3.3770E+02	1.8000E+01	3.3770E+02
1970	1.7000E+01	2.2580E+02	1.8000E+01	3.5566E+02	1.8000E+01	3.5566E+02
1971	1.7000E+01	2.4278E+02	1.8000E+01	3.7361E+02	1.8000E+01	3.7361E+02
1972	1.7000E+01	2.5974E+02	1.8000E+01	3.9157E+02	1.8000E+01	3.9157E+02
1973	1.7000E+01	2.7671E+02	1.8000E+01	4.0952E+02	1.8000E+01	4.0952E+02
1974	1.5700E+01	2.9238E+02	1.6500E+01	4.2597E+02	1.6500E+01	4.2597E+02
1975	1.3600E+01	3.0594E+02	1.3500E+01	4.3942E+02	1.3500E+01	4.3942E+02
1976	1.6000E+01	3.2190E+02	1.4000E+01	4.5336E+02	1.4000E+01	4.5336E+02
1977	1.2000E+01	3.3386E+02	1.3000E+01	4.6631E+02	1.3000E+01	4.6631E+02
1978	1.1400E+01	3.4522E+02	1.1500E+01	4.7775E+02	1.1500E+01	4.7775E+02
1979	1.1000E+01	3.5618E+02	1.1500E+01	4.8919E+02	1.1500E+01	4.8919E+02
1980	1.3000E+01	3.6914E+02	1.3500E+01	5.0263E+02	1.3500E+01	5.0263E+02
TOTAL	3.6970E+02		5.0350E+02		5.0350E+02	

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*** Curies ***

	K 105 ATMOSPHERIC		L 105 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	9.0000E+00	8.9995E+00	9.0000E+00	8.9995E+00	1.0000E+01	9.9994E+00
1956	9.0000E+00	1.7998E+01	1.0000E+01	1.8998E+01	1.0000E+01	1.9998E+01
1957	9.0000E+00	2.6995E+01	1.0000E+01	2.8995E+01	1.0000E+01	2.9995E+01
1958	9.0000E+00	3.5991E+01	1.0000E+01	3.8991E+01	1.0000E+01	3.9990E+01
1959	1.6000E+01	5.1986E+01	1.6000E+01	5.4985E+01	1.7000E+01	5.6985E+01
1960	1.6000E+01	6.7979E+01	1.6000E+01	7.0978E+01	1.7000E+01	7.3977E+01
1961	1.6000E+01	8.3970E+01	1.6000E+01	8.6968E+01	1.7000E+01	9.0967E+01
1962	1.6000E+01	9.9959E+01	1.6000E+01	1.0296E+02	1.7000E+01	1.0795E+02
1963	1.6000E+01	1.1595E+02	1.6000E+01	1.1894E+02	1.7000E+01	1.2494E+02
1964	1.4000E+01	1.2993E+02	1.4000E+01	1.3293E+02	1.4000E+01	1.3892E+02
1965	1.6000E+01	1.4591E+02	1.6000E+01	1.4891E+02	1.6000E+01	1.5491E+02
1966	1.6000E+01	1.6190E+02	1.6000E+01	1.6489E+02	1.6000E+01	1.7089E+02
1967	1.6000E+01	1.7788E+02	1.6000E+01	1.8087E+02	1.6000E+01	1.8687E+02
1968	1.4000E+01	1.9185E+02	1.6000E+01	1.8985E+02	1.4000E+01	2.0084E+02
1969	1.7000E+01	2.0883E+02	9.0000E+00	1.8983E+02	1.7000E+01	2.1782E+02
1970	1.8000E+01	2.2680E+02		1.8980E+02	1.7000E+01	2.3479E+02
1971	1.7000E+01	2.4377E+02		1.8978E+02	1.7000E+01	2.5176E+02
1972	1.7000E+01	2.6074E+02		1.8976E+02	1.7000E+01	2.6873E+02
1973	1.7000E+01	2.7771E+02		1.8974E+02	1.7000E+01	2.8570E+02
1974	1.5700E+01	2.9338E+02		1.8971E+02	1.5700E+01	3.0136E+02
1975	1.2900E+01	3.0624E+02		1.8969E+02	1.2500E+01	3.1382E+02
1976	1.2000E+01	3.1820E+02		1.8967E+02	1.3000E+01	3.2678E+02
1977	1.3000E+01	3.3116E+02		1.8964E+02	1.2000E+01	3.3874E+02
1978	1.1300E+01	3.4242E+02		1.8962E+02	1.1300E+01	3.5000E+02
1979	1.1000E+01	3.5338E+02		1.8960E+02	1.1000E+01	3.6096E+02
1980	1.3000E+01	3.6634E+02		1.8958E+02	1.3000E+01	3.7392E+02
TOTAL	3.6690E+02		1.9000E+02		3.7450E+02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

C-14

*** Curies ***

	R 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955	1.1000E+01	1.0999E+01
1956	1.1000E+01	2.1997E+01
1957	1.1000E+01	3.2994E+01
1958	1.1000E+01	4.3989E+01
1959	1.7000E+01	6.0983E+01
1960	1.7000E+01	7.7975E+01
1961	1.7000E+01	9.4964E+01
1962	1.7000E+01	1.1195E+02
1963	1.7000E+01	1.2894E+02
1964	8.0000E+00	1.3692E+02
1965		1.3691E+02
1966		1.3689E+02
1967		1.3687E+02
1968		1.3686E+02
1969		1.3684E+02
1970		1.3682E+02
1971		1.3681E+02
1972		1.3679E+02
1973		1.3677E+02
1974		1.3676E+02
1975		1.3674E+02
1976		1.3672E+02
1977		1.3671E+02
1978		1.3669E+02
1979		1.3668E+02
1980		1.3666E+02
TOTAL	1.3700E+02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
P-32

*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		D 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	5.0000E-01	7.1691E-05				
1972	7.0000E-02	1.0037E-05				
1973	1.6000E-02	2.2941E-06			4.2800E-03	6.1367E-07
1974	4.0000E-03	5.7353E-07				
1975						
1976	8.0000E-03	1.1471E-06				
1977	3.2300E-03	4.6312E-07				
1978	2.6590E-05		4.7060E-05			
1979			4.0400E-04			
1980			3.6400E-04			
TOTAL	6.0126E-01		8.1506E-04		4.2800E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
P-32

*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971					4.2000E-01	6.0220E-05
1972					2.3000E-01	3.2978E-05
1973	4.6000E-02	6.5956E-06	1.8000E-02	2.5809E-06	6.7000E-02	9.6066E-06
1974			2.2000E-02	3.1544E-06	1.0000E-02	1.4338E-06
1975			8.0000E-03	1.1471E-06	2.0000E-03	2.8676E-07
1976			9.0000E-03	1.2904E-06	9.0000E-03	1.2904E-06
1977	5.0000E-04		2.2030E-02	3.1587E-06	2.7080E-03	3.8828E-07
1978			8.5350E-04	1.2238E-07		
1979	4.0000E-03	5.7353E-07	1.2800E-04			
1980			5.6000E-04			
TOTAL	5.0500E-02		8.0571E-02		7.4071E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
P-32

*** CURIES ***

P 61G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978	2.7480E-03	3.9401E-07
1979	1.4890E-03	2.1350E-07
1980	9.4400E-04	1.3535E-07
TOTAL	5.1810E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
S-35

*** CURIES ***

C
LIQUID TO STREAMS

C 660
LIQUID TO SEEPAGE BASINS

D 400
LIQUID TO STREAMS

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.0340E+01	2.4621E+00			2.5000E-02	5.9529E-03
1972	2.2000E-01	1.9198E-01			5.0000E-03	1.5281E-03
1973	1.2820E+00	3.1615E-01			2.4600E-03	6.7241E-04
1974	4.3210E+00	1.0468E+00				3.8125E-05
1975	1.0400E-01	8.4118E-02				2.1616E-06
1976	5.9000E-02	1.8818E-02				1.2256E-07
1977	2.9690E-02	8.1366E-03				
1978	4.9600E-04	5.7944E-04	6.8710E-04	1.6361E-04		
1979		3.2854E-05	5.3230E-03	1.2768E-03		
1980		1.8628E-06	6.7380E-03	1.6768E-03		
TOTAL	1.6356E+01		1.2748E-02		3.2460E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
S-35

*** CURIES ***

	K LIQUID TO STREAMS		K 904.88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	4.7800E-02	1.1382E-02	4.0800E+00	7.3340E-01	1.4000E-02	5.3356E-03
1972	1.8000E-01	4.3506E-02	9.7000E-01	2.7255E-01		1.8901E-04
1973	7.4000E-02	2.0087E-02	1.6600E-01	5.4981E-02	1.0000E-03	2.4883E-04
1974		1.1389E-03	7.3000E-01	1.7694E-01		1.4109E-05
1975	9.4000E-02	2.2447E-02	5.1000E-02	2.2176E-02		7.9994E-07
1976		1.2727E-03	3.0800E-01	7.4597E-02	1.0000E-03	2.3816E-04
1977	5.4520E-01	1.2989E-01	5.1280E-02	1.6440E-02		1.3503E-05
1978		7.3648E-03	1.0370E-02	3.4014E-03		7.6563E-07
1979	1.0700E+00	2.5520E-01	6.3140E-03	1.6963E-03		
1980		1.4470E-02	1.9330E-03	5.5646E-04		
TOTAL	2.0116E+00		5.3749E+00		1.6000E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
S-35

*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971	1.0480E+00	2.4255E-01		
1972	1.0900E+00	2.7389E-01		
1973	3.4500E-01	9.7668E-02		
1974	6.4800E-01	1.5984E-01		
1975	9.3000E-02	3.1207E-02		
1976	2.8500E-01	6.9632E-02		
1977	4.4420E-02	1.4525E-02		
1978	1.4880E-02	4.3667E-03	1.8660E-03	4.4432E-04
1979		2.4759E-04	7.7300E-03	1.8658E-03
1980		1.4038E-05	2.2040E-03	6.3060E-04
TOTAL	3.5683E+00		1.1800E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
AR-41

*** CURIES ***

	C 105 ATMOSPHERIC		K 105 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	4.2000E+04		4.0000E+04		5.9000E+04	
1972	5.2760E+04		5.7720E+04		5.6180E+04	
1973	4.4180E+04		7.0620E+04		6.9640E+04	
1974	2.5520E+04		3.0000E+04		5.2130E+04	
1975	2.3890E+04		1.8050E+04		2.2950E+04	
1976	3.2220E+04		2.3850E+04		2.6740E+04	
1977	3.0370E+04		1.5840E+04		1.8370E+04	
1978	1.7200E+04		1.8340E+04		1.7410E+04	
1979	2.0970E+04		1.5540E+04		1.6520E+04	
1980	3.1710E+04		1.5570E+04		2.2440E+04	
TOTAL	3.2132E+05		3.0553E+05		3.6138E+05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CR-51

*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	7.1720E+00	7.5788E-02			2.4470E+01	2.5858E-01
1972	1.8000E-01	1.9106E-03			3.0120E+01	3.1831E-01
1973	1.6400E-01	1.7332E-03			1.3670E+01	1.4449E-01
1974	4.8600E-01	5.1358E-03			7.7200E+00	8.1595E-02
1975	6.8000E-02	7.1914E-04			4.5070E+00	4.7635E-02
1976	1.8100E-01	1.9127E-03			6.0250E+00	6.3673E-02
1977	4.3220E-01	4.5674E-03			5.9830E+00	6.3231E-02
1978	2.5110E-02	2.6585E-04	1.8930E-02	2.0004E-04	1.4230E+00	1.5044E-02
1979			1.7280E-01	1.8260E-03	7.7700E-01	8.2124E-03
1980			1.3490E-01	1.4257E-03	1.0850E+00	1.1466E-02
TOTAL	8.7083E+00		3.2663E-01		9.5780E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CR-51

*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.1700E-03	1.2364E-03	6.3000E-01	6.6573E-03	2.3000E-02	2.4305E-04
1972			5.1000E-01	5.3900E-03	6.5000E-01	6.8687E-03
1973			4.1200E-01	4.3543E-03		7.6700E-07
1974			1.6400E-01	1.7335E-03		
1975			5.8000E-02	6.1309E-04		
1976			3.5000E-01	3.6986E-03		
1977	1.5940E-01	1.6844E-03	1.4260E-01	1.5073E-03		
1978		1.8809E-07	9.3100E-02	9.8397E-04		
1979	5.3800E-01	5.6852E-03	1.4780E-01	1.5619E-03		
1980		6.3484E-07	2.2140E-01	2.3398E-03		
TOTAL	6.9857E-01		2.7289E+00		6.7300E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CR-51

*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971	1.4400E-01	1.6379E-03		
1972	1.2000E+00	1.2681E-02		
1973	2.8100E-01	2.9708E-03		
1974	1.0900E-01	1.1522E-03		
1975	4.8000E-02	5.0735E-04		
1976	1.8100E-01	1.9127E-03		
1977	7.0030E-02	7.4023E-04		
1978	1.5300E-02	1.6176E-04	8.8870E-03	9.3911E-05
1979			1.7370E-01	1.8355E-03
1980			1.0660E-01	1.1267E-03
TOTAL	2.0593E+00		2.8919E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

Mn-54

*** CURIES ***

K
LIQUID TO STREAMS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977	2.1010E-02	1.4016E-02
1978		6.2376E-03
1979		2.7760E-03
1980		1.2354E-03
TOTAL	2.1010E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

Co-58

*** CURIES ***

H 48G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	9.7000E-01	1.6440E-01
1972	1.0000E-01	2.1671E-02
1973	3.9000E-01	6.6721E-02
1974	6.2000E-01	1.0700E-01
1975	4.8100E-01	8.4595E-02
1976	1.1300E-01	2.1582E-02
1977	6.0000E-03	1.6368E-03
1978	5.3910E-04	1.3839E-04
1979		3.9751E-06
1980		1.1418E-07
TOTAL	2.6805E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CO-60

*** CURIES ***

	A 773 ATMOSPHERIC		C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956			2.6000E-02	2.4339E-02		
1957			2.4000E-02	4.3797E-02		
1958			4.4000E-02	7.9571E-02		
1959			8.2000E-02	1.4649E-01		
1960			9.2400E-01	9.9336E-01	2.9400E-01	2.7522E-01
1961			5.2000E-01	1.3573E+00	1.2700E-01	3.6008E-01
1962			1.1000E+00	2.2192E+00	4.0000E-02	3.5300E-01
1963			1.5500E+00	3.3958E+00	7.8000E-03	3.1665E-01
1964			6.2000E-01	3.5563E+00	9.8000E-02	3.6923E-01
1965			1.8000E-01	3.2850E+00	2.3000E-01	5.3888E-01
1966			7.2000E-01	3.5528E+00	9.0000E-02	5.5650E-01
1967			4.2000E-01	3.5066E+00	3.0000E-02	5.1576E-01
1968	3.9300E-02	3.6790E-02	2.7000E-01	3.3258E+00	8.0000E-02	5.2688E-01
1969	1.0990E-02	4.2529E-02	9.6000E-01	3.8132E+00	4.0000E-03	4.6547E-01
1970	2.7500E-03	3.9844E-02		3.3417E+00		4.0791E-01
1971	2.6400E-03	3.7388E-02	1.7000E-01	3.0876E+00	1.0000E-03	3.5840E-01
1972	7.1200E-03	3.9430E-02	4.6040E+00	7.0157E+00		3.1408E-01
1973	1.7800E-03	3.6221E-02	2.0000E-02	6.1669E+00		2.7524E-01
1974	3.8700E-03	3.5364E-02	1.4000E-02	5.4174E+00		2.4121E-01
1975	1.1050E-03	3.2026E-02		4.7475E+00		2.1138E-01
1976	1.2900E-04	2.8186E-02	4.0000E-03	4.1642E+00		1.8524E-01
1977	3.8000E-04	2.5056E-02	1.0000E-03	3.6502E+00		1.6233E-01
1978	3.8000E-04	2.2314E-02	7.9800E-04	3.1995E+00		1.4226E-01
1979	4.0000E-04	1.9929E-02	3.9390E-04	2.8042E+00		1.2467E-01
1980	6.1700E-04	1.8042E-02	3.5000E-05	2.4575E+00	1.4000E-04	1.0938E-01
				2.1536E+00	1.9800E-04	9.6042E-02
TOTAL	7.1461E-02		1.2254E+01		1.0021E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CO-60

*** CURIES ***

	D 400 LIQUID TO STREAMS		F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967	1.1000E-01	1.0297E-01				
1968	4.0000E-02	1.2769E-01				
1969	1.0000E-02	1.2126E-01			2.0000E-02	1.8723E-02
1970	2.0000E-03	1.0814E-01			9.0000E-02	1.0066E-01
1971	5.0000E-03	9.9444E-02	1.8970E-02	1.7768E-02	1.0000E-02	9.7971E-02
1972	1.0000E-03	8.8083E-02	9.0000E-05	1.5647E-02		8.5507E-02
1973	3.4000E-03	8.0373E-02		1.3712E-02		7.4933E-02
1974		7.0434E-02		1.2016E-02		6.5667E-02
1975		6.1725E-02		1.0530E-02		5.7547E-02
1976		5.4092E-02		9.2281E-03		5.0431E-02
1977		4.7403E-02		8.0870E-03		4.4194E-02
1978		4.1541E-02		7.0870E-03		3.8729E-02
1979		3.6404E-02		6.2106E-03		3.3940E-02
1980		3.1902E-02		5.4426E-03		2.9743E-02
TOTAL	1.7140E-01		1.9060E-02		1.2000E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CO-60

*** CURIES ***

	H 291 ATMOSPHERIC		H 48G LIQUID TO SEEPAGE BASINS		K LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955					2.2000E-02	2.0595E-02
1956					4.8000E-02	6.2982E-02
1957					1.3000E-01	1.7689E-01
1958					6.2000E-02	2.1306E-01
1959					3.8400E-01	5.4618E-01
1960					2.7200E+00	3.0249E+00
1961					1.0500E+00	3.6338E+00
1962					1.7900E+00	4.8601E+00
1963					6.7000E-01	4.8863E+00
1964					1.4000E-01	4.4131E+00
1965					7.7900E+00	1.1160E+01
1966						9.7799E+00
1967					8.6000E-01	9.3756E+00
1968					5.8000E-01	8.7591E+00
1969						7.6760E+00
1970			6.6000E-01	6.1785E-01		6.7268E+00
1971	6.2000E-04	5.8040E-04	3.2000E-01	8.4101E-01	2.2200E-03	5.8970E+00
1972		5.0863E-04	4.2000E-01	1.1302E+00	4.0000E-02	5.2053E+00
1973		4.4573E-04	3.0000E-02	1.0185E+00	8.0000E-03	4.5691E+00
1974		3.9061E-04	4.0000E-02	9.3001E-01		4.0041E+00
1975		3.4231E-04	4.9000E-01	1.2737E+00	4.0000E-03	3.5127E+00
1976		2.9998E-04	4.1400E-01	1.5038E+00	1.0000E-03	3.0792E+00
1977		2.6289E-04	4.6700E-01	1.7550E+00	1.0250E-01	2.7944E+00
1978		2.3038E-04	3.9800E-01	1.9105E+00		2.4489E+00
1979		2.0189E-04	1.6520E-01	1.8289E+00	4.0600E-01	2.5261E+00
1980		1.7692E-04	1.0300E-01	1.6992E+00	1.4700E-03	2.2151E+00
TOTAL	6.2000E-04		2.1900E-01	1.6941E+00	1.6811E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CO-60

*** CURIES ***

	K 65G LIQUID TO SEEPAGE BASINS		K 904-88G LIQUID TO CONTAINMENT BASIN		L LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955					5.6000E-02	5.2423E-02
1956					1.0000E-01	1.3955E-01
1957					2.3800E-01	3.4510E-01
1958					2.1200E-01	5.0088E-01
1959	4.0000E-02	3.7445E-02			5.3200E-01	9.3696E-01
1960	6.2000E-03	3.8619E-02			2.5700E+00	3.2270E+00
1961		3.3843E-02			1.5100E+00	4.2415E+00
1962		2.9658E-02			1.3000E+00	4.9339E+00
1963		2.5991E-02			2.7000E-01	4.5766E+00
1964		2.2777E-02			1.1900E+00	5.1246E+00
1965	2.2000E-01	2.2591E-01			2.0100E+00	6.3725E+00
1966		1.9797E-01			4.4000E+00	9.7035E+00
1967		1.7349E-01			4.5000E-01	8.9248E+00
1968		1.5204E-01	3.7000E-01	3.4637E-01	1.0000E-01	7.9148E+00
1969		1.3324E-01	6.7000E-01	9.3074E-01		6.9361E+00
1970		1.1676E-01	8.0000E-02	8.9054E-01		6.0784E+00
1971		1.0232E-01	3.0000E-02	8.0850E-01		5.3267E+00
1972		8.9669E-02		7.0852E-01		4.6680E+00
1973		7.8581E-02	3.0000E-03	6.2372E-01		4.0908E+00
1974		6.8864E-02	1.0000E-03	5.4752E-01		3.5849E+00
1975		6.0348E-02	1.0000E-03	4.8075E-01		3.1416E+00
1976		5.2885E-02	1.0000E-03	4.2224E-01		2.7531E+00
1977		4.6346E-02	2.6000E-05	3.7005E-01		2.4127E+00
1978		4.0615E-02	1.2200E-04	3.2440E-01		2.1143E+00
1979		3.5592E-02		2.8429E-01		1.8529E+00
1980		3.1191E-02	1.7050E-03	2.5073E-01		1.6237E+00
TOTAL	2.6620E-01		1.1578E+00		1.4938E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CO-60

*** CURIES ***

	L 64G LIQUID TO SEEPAGE BASINS		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956					5.6000E-02	5.2423E-02
1957					1.3000E-01	1.6764E-01
1958	6.2000E-02	5.8040E-02			3.7600E-01	4.9889E-01
1959	8.0000E-03	5.8352E-02			1.7800E-01	6.0383E-01
1960	1.1000E-02	6.1434E-02			2.4000E-01	7.5383E-01
1961	4.0000E-05	5.3874E-02	5.2600E-02	4.9240E-02	1.0100E+00	1.6061E+00
1962	6.0000E-05	4.7268E-03	4.2200E-02	8.2656E-02	8.2000E-01	2.1751E+00
1963	2.3600E-01	3.0916E-01	3.0800E-01	3.6076E-01	6.0300E+00	7.5510E+00
1964	1.0000E-02	2.8029E-01	1.5800E+00	1.7952E+00	1.1300E+00	7.6751E+00
1965	1.0000E-03	2.4656E-01	1.3300E+00	2.8183E+00	7.5000E-01	7.4281E+00
1966		2.1607E-01	2.4000E-01	2.8945E+00	2.8000E-01	6.1590E+00
1967	4.0000E-02	2.2680E-01	1.2000E-01	2.4736E+00	2.4000E-01	6.1590E+00
1968	1.4400E+00	1.5468E+00	4.0000E-02	2.2052E+00	1.6000E-01	5.3973E+00
1969	1.0000E-03	1.3564E+00	4.9000E-02	1.9783E+00	2.0000E-01	4.8797E+00
1970		1.1887E+00	2.0000E-03	1.7356E+00		4.4635E+00
1971		1.0417E+00	1.0000E-02	1.5303E+00		3.9115E+00
1972		9.1289E-01	1.0000E-02	1.3504E+00	2.1270E-02	3.4478E+00
1973		8.0001E-01		1.1834E+00	1.2000E-01	3.1337E+00
1974		7.0103E-01		1.0371E+00	2.0000E-03	2.7481E+00
1975		6.1438E-01	7.0000E-03	9.1541E-01	1.0000E-03	2.4092E+00
1976		5.3841E-01		8.0221E-01	1.0000E-03	2.1122E+00
1977		4.7183E-01	2.0700E-04	7.0320E-01	6.0000E-05	1.8510E+00
1978		4.1348E-01	3.4360E-04	6.1657E-01		1.6222E+00
1979		3.6235E-01	1.8100E-04	5.4049E-01		1.4216E+00
1980		3.1754E-01		4.7365E-01		1.2458E+00
TOTAL	1.8591E+00		3.7915E+00		8.3000E-05	1.0918E+00
					1.1745E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CO-60

*** CURIES ***

	P 61G LIQUID TO SEEPAGE BASINS		R LIQUID TO STREAMS		R 60G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			6.0000E-02	5.6168E-02		
1955			6.4000E-02	1.0913E-01		
1956			3.0400E-01	3.8022E-01		
1957	6.4000E-02	5.9912E-02	8.5160E-01	1.1304E+00	2.3000E+00	2.1531E+00
1958	2.0000E-03	5.4376E-02	5.4000E-01	1.4961E+00	8.4400E-01	2.6769E+00
1959	1.1400E-01	1.5437E-01	5.6600E-01	1.8410E+00	1.8000E-02	2.3628E+00
1960	1.2200E-01	2.4949E-01	9.7000E-01	2.5214E+00		2.0706E+00
1961	6.6200E-02	2.8061E-01	1.8500E+00	3.9414E+00		1.8145E+00
1962	2.9800E-02	2.7381E-01	2.0200E+00	5.3450E+00	1.6000E-03	1.5917E+00
1963	6.0000E-02	2.9612E-01	2.3800E+00	6.9120E+00	2.0000E-03	1.3967E+00
1964	8.8000E-01	1.0833E+00	8.5000E-01	6.8530E+00		1.2240E+00
1965	3.0000E-03	9.5214E-01		6.0056E+00		1.0726E+00
1966	3.0000E-03	8.3721E-01		5.2629E+00		9.3999E-01
1967	5.0000E-03	7.3836E-01		4.6121E+00		8.2375E-01
1968	3.0000E-02	6.7510E-01		4.0418E+00		7.2189E-01
1969		5.9165E-01		3.5420E+00		6.3262E-01
1970		5.1849E-01		3.1040E+00		5.5439E-01
1971		4.5437E-01		2.7202E+00		4.8583E-01
1972		3.9819E-01		2.3838E+00		4.2577E-01
1973		3.4849E-01		2.0090E+00		3.7311E-01
1974		3.0580E-01		1.8307E+00		3.2697E-01
1975		2.6798E-01		1.6043E+00		2.8654E-01
1976		2.3484E-01		1.4059E+00		2.5110E-01
1977		2.0580E-01		1.2321E+00		2.2005E-01
1978		1.8035E-01		1.0797E+00		1.9284E-01
1979		1.5805E-01		9.4619E-01		1.6899E-01
1980		1.3851E-01		8.2918E-01		1.4810E-01
TOTAL	1.3790E+00		1.0456E+01		3.1656E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CO-60

*** CURIES ***

CENTRAL SHOPS (FORD BUILDING)
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979		
1980	1.5000E-05	1.4042E-05
TOTAL	1.5000E-05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

ZN-65

*** CURIES ***

C
LIQUID TO STREAMS

H 48G
LIQUID TO SEEPAGE BASINS

K 904-88G
LIQUID TO CONTAINMENT BASIN

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.7500E+00	1.0435E+00			3.0000E-02	1.7889E-02
1972		3.7106E-01				6.3611E-03
1973		1.3194E-01				2.2619E-03
1974		1.2361E-01	7.6000E-01	4.5319E-01		8.0428E-04
1975	1.3700E-01	4.6924E-02	5.6700E-01	4.9925E-01		2.8599E-04
1976	2.0000E-03	1.6685E-02	4.3600E-01	4.3751E-01	2.0000E-03	1.2943E-03
1977		5.9330E-03	5.3100E-01	4.7221E-01		4.6023E-04
1978		2.1097E-03	5.3840E-02	2.0001E-01		1.6365E-04
1979		7.5016E-04	8.0000E-02	1.1883E-01		5.8191E-05
1980		2.6674E-04	1.4000E-01	1.2574E-01		2.0692E-05
TOTAL	1.8890E+00		2.5678E+00		3.2000E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

ZN-65

*** CURIES ***

^P
LIQUID TO STREAMS

-----	ORIGINAL RELEASE	DECAY CORRECTED
-----	-----	-----
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	1.1600E-03	6.9172E-04
1972		2.4596E-04
1973		8.7459E-05
1974		3.1095E-05
1975		1.1058E-05
1976		3.9321E-06
1977		1.3982E-06
1978		4.9717E-07
1979		1.7678E-07
1980		
TOTAL	1.1600E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

KR-85

*** CURIES ***

COMBINED F AND H
ATMOSPHERIC

-----	ORIGINAL RELEASE	DECAY CORRECTED
-----	-----	-----
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	6.4010E+05	6.1976E+05
1972	6.0490E+05	1.1007E+06
1973	7.6500E+05	1.8344E+06
1974	5.0000E+05	2.2038E+06
1975	5.2480E+05	2.5741E+06
1976	7.3600E+05	3.1257E+06
1977	4.4280E+05	3.3590E+06
1978	5.3260E+05	3.6646E+06
1979	4.8250E+05	3.9026E+06
1980	5.8320E+05	4.2232E+06
TOTAL	5.8119E+06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

KR-85M

* * * CURIES * * *

	C 105 ATMOSPHERIC		K 105 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	7.2000E+02		8.4000E+02		1.5000E+03	
1972	1.1600E+03		4.5100E+03		1.6600E+03	
1973	1.5880E+03		3.0560E+03		1.8800E+03	
1974	4.5000E+02		8.8600E+02		9.0000E+00	
1975	8.5000E+01		2.1600E+02		6.7000E+01	
1976	1.2500E+02		8.8000E+01		1.7000E+02	
1977	1.8300E+02		4.9000E+01		6.0700E+02	
1978	1.1600E+02		1.0700E+02		6.6600E+02	
1979	2.2700E+02		1.0000E+02		1.4650E+03	
1980	1.6860E+03		1.9300E+02		1.3260E+03	
TOTAL	6.3400E+03		1.0045E+04		9.3500E+03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

KR-87

* * * CURIES * * *

	C 105 ATMOSPHERIC		K 105 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972	2.0000E+01		2.1700E+03		2.8000E+02	
1973	2.6100E+02		1.4280E+03		3.4400E+02	
1974	2.6000E+01		3.0900E+02		3.0300E+02	
1975	7.2000E+01		2.7300E+02		8.2700E+02	
1976	1.9100E+02		1.1500E+02		1.1600E+02	
1977	2.2300E+02		6.4000E+01		3.1500E+02	
1978	1.8500E+02		1.4800E+02		2.2200E+02	
1979	3.2800E+02		1.1400E+02		1.0660E+03	
1980	1.7000E+03		1.6800E+02		9.2300E+02	
TOTAL	3.0060E+03		4.7890E+03		4.3960E+03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
KR-88

*** CURIES ***

	C 105 ATMOSPHERIC		K 105 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	3.6000E+02		2.7000E+02		1.1000E+03	
1972	5.8000E+02		2.7700E+03		8.6000E+02	
1973	1.5330E+03		3.7560E+03		2.0930E+03	
1974	4.0500E+02		9.4700E+02		5.6000E+01	
1975	1.5800E+02		4.4500E+02		2.5500E+02	
1976	2.3100E+02		1.4800E+02		1.2900E+02	
1977	3.2600E+02		7.2000E+01		2.7300E+02	
1978	3.0500E+02		1.8900E+02		3.4550E+02	
1979	5.7700E+02		1.5300E+02		1.5230E+03	
1980	2.3870E+03		2.6300E+02		1.3280E+03	
TOTAL	6.8620E+03		9.0130E+03		7.9625E+03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SR-89

*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		F 47G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.2400E+00	1.0917E-01			3.3300E-01	2.9316E-02
1972	8.0000E-02	7.8890E-03			2.0000E-02	1.9880E-03
1973	7.6000E-02	6.7519E-03			9.0000E-02	7.9387E-03
1974	1.4200E-01	1.2554E-02			3.0000E-02	2.7026E-03
1975	7.0000E-03	7.1355E-04			4.7000E-02	4.1587E-03
1976	1.0000E-03	9.3267E-05			1.8000E-02	1.6169E-03
1977	1.0990E-03	9.7478E-05			3.0000E-03	2.7664E-04
1978		7.5550E-07			5.0000E-03	4.4233E-04
1979			1.5600E-04	1.3734E-05	9.0000E-03	7.9576E-04
1980				1.0644E-07	3.0000E-03	2.7028E-04
TOTAL	1.5471E+00		1.5600E-04		5.5800E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SR-89

*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS		K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	2.6600E+00	2.3418E-01	2.8000E-01	2.4650E-02	4.8000E-01	4.2258E-02
1972	2.0300E+00	1.8053E-01	2.4000E-01	2.1320E-02	2.8000E-01	2.4978E-02
1973	1.7500E+00	1.5546E-01	3.8000E-02	3.5106E-03	2.0000E-02	1.9543E-03
1974	2.6000E-01	2.4095E-02		2.7209E-05	1.6000E-02	1.4237E-03
1975	3.5000E-01	3.1000E-02	6.0000E-03	5.2843E-04	1.0000E-03	9.9072E-05
1976	1.6200E-01	1.4502E-02		4.0956E-06	1.3000E-02	1.1452E-03
1977	5.8000E-02	5.2185E-03	2.2500E-01	1.9808E-02	5.6200E-04	5.8353E-05
1978	3.4600E-01	3.0501E-02		1.5352E-04	3.2020E-04	2.8642E-05
1979	7.4000E-02	6.7511E-03		1.1899E-06		2.2199E-07
1980	4.2000E-02	3.7499E-03				
TOTAL	7.7320E+00		7.8900E-01		8.1088E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SR-89

*** CURIES ***

	L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971			3.8050E-01	3.3498E-02
1972			1.3000E-01	1.1704E-02
1973			4.3000E-02	3.8763E-03
1974			4.0000E-03	3.8219E-04
1975	2.0000E-03	1.7607E-04	1.0000E-03	9.0999E-05
1976		1.3647E-06	3.0000E-03	2.6482E-04
1977			1.6370E-03	1.4617E-04
1978				1.1329E-06
1979				
1980				
TOTAL	2.0000E-03		5.6314E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

SR-90

*** Curies ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		F 281 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.6900E-02	1.6693E-02				
1956	1.5600E-02	3.1694E-02				
1957	2.8600E-02	5.9170E-02				
1958	5.3300E-02	1.1037E-01				
1959	6.0060E-01	7.0091E-01	1.9110E-01	1.8875E-01		
1960	3.1200E+00	3.7655E+00	8.2550E-02	2.6569E-01		
1961	6.3000E-01	4.2959E+00	2.6000E-02	2.8488E-01		
1962	5.4000E-01	4.7245E+00	5.0700E-03	2.8294E-01		
1963	8.2000E-01	5.4191E+00	6.3700E-02	3.3896E-01		
1964	3.5000E-01	5.6326E+00	2.0000E-02	3.5044E-01		
1965	2.8000E-01	5.7718E+00	8.0000E-03	3.4979E-01		
1966	2.9000E-01	5.9174E+00	2.0000E-02	3.6101E-01		
1967	5.6000E-01	6.3261E+00	2.0000E-03	3.5418E-01		
1968	8.7000E-01	7.0311E+00	3.0000E-02	3.7517E-01		
1969	8.0000E-01	7.6498E+00		3.6602E-01		
1970	1.5200E+00	8.9645E+00		3.5709E-01	1.8000E-02	1.7779E-02
1971	7.8000E-01	9.5162E+00		3.4838E-01	7.6000E-02	9.2412E-02
1972	4.0000E-02	9.3235E+00		3.3988E-01	1.0000E-02	1.0003E-01
1973	5.0000E-03	9.1010E+00		3.3159E-01	1.7870E-02	1.1524E-01
1974	7.9000E-02	8.9570E+00		3.2350E-01	8.8400E-03	1.2116E-01
1975		8.7385E+00		3.1560E-01	5.1500E-03	1.2330E-01
1976	1.0000E-03	8.5262E+00		3.0790E-01	5.5200E-03	1.2574E-01
1977	1.2310E-03	8.3194E+00		3.0039E-01	3.9500E-03	1.2657E-01
1978	1.8410E-05	8.1165E+00		2.9306E-01	4.9600E-03	1.2838E-01
1979		7.9185E+00	8.7000E-04	2.8677E-01	2.9400E-03	1.2816E-01
1980		7.7253E+00		2.7977E-01	6.1700E-03	1.3112E-01
TOTAL	1.1401E+01		4.4929E-01		1.5940E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** Curies ***

	F 47G LIQUID TO SEEPAGE BASINS		F - MEASURED MIGRATION FROM SEEPAGE BASINS TO STREAMS		H 281 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	2.1000E-01	2.0742E-01				
1956	6.8400E+00	6.9584E+00				
1957	5.8900E+00	1.2606E+01				
1958	2.6000E+00	1.4867E+01				
1959	2.3000E+00	1.6776E+01				
1960	4.4000E+00	2.0713E+01				
1961	1.9300E+00	2.2114E+01				
1962	2.5800E+00	2.4122E+01				
1963	3.0600E+00	2.6556E+01				
1964	1.6900E+00	2.7578E+01				
1965	1.8600E+00	2.8742E+01				
1966	9.6000E-01	2.8989E+01				
1967	7.3000E-01	2.9003E+01				
1968	1.0300E+00	2.9312E+01	3.9300E-01	3.8818E-01		
1969	9.9000E-01	2.9575E+01	4.4000E-01	8.1331E-01		
1970	1.9900E+00	3.0019E+01	4.4500E-01	1.2130E+00	3.8000E-02	3.7534E-02
1971	8.1000E-01	3.0867E+01	1.5920E+00	2.7754E+00	2.6000E-02	6.2299E-02
1972	4.4000E-01	3.0549E+01	1.1250E+00	3.8189E+00	3.4000E-02	9.4361E-02
1973	9.0000E-02	2.9892E+01	1.6060E+00	5.3120E+00	3.1110E-02	1.2279E-01
1974	6.0000E-02	2.9222E+01	1.1980E+00	6.3657E+00	1.3410E-02	1.3304E-01
1975	1.1500E-01	2.8623E+01	1.0600E+00	7.2573E+00	7.5400E-03	1.3724E-01
1976	2.2000E-02	2.7946E+01	8.9000E-01	7.9594E+00	8.1700E-03	1.4196E-01
1977	6.5000E-02	2.7329E+01	6.5000E-01	8.4072E+00	7.3900E-03	1.4580E-01
1978	5.2000E-02	2.6713E+01	4.5000E-01	8.6466E+00	1.0770E-02	1.5288E-01
1979	6.0000E-02	2.6121E+01	4.4000E-01	8.8702E+00	7.9400E-03	1.5699E-01
1980	3.2000E-02	2.5515E+01	3.8000E-01	9.0291E+00	2.3000E-03	1.5543E-01
TOTAL	4.0806E+01		1.0669E+01		1.8663E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS		H - MEASURED MIGRATION FROM SEEPAGE BASINS TO STREAMS		K LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	4.6000E-01	4.5435E-01			1.4300E-02	1.4124E-02
1956	3.2000E+00	3.6040E+00			3.1200E-02	4.4597E-02
1957	3.9100E+00	7.3781E+00			8.4500E-02	1.2697E-01
1958	4.2000E-01	7.6129E+00			4.0030E-02	1.6341E-01
1959	4.0000E-01	7.8223E+00			2.4960E-01	4.0596E-01
1960	5.0000E-01	8.1253E+00			2.6500E+00	3.0135E+00
1961	3.5800E+00	1.1463E+01			6.7000E-01	3.6018E+00
1962	1.2400E+00	1.2408E+01			1.2200E+00	4.7189E+00
1963	6.9300E+00	1.8950E+01			1.1900E+00	5.7792E+00
1964	9.8000E-01	1.9456E+01			7.0000E-01	6.3296E+00
1965	4.7000E+00	2.3624E+01			6.9000E-01	6.8567E+00
1966	7.9000E-01	2.3828E+01			5.4000E-01	7.2228E+00
1967	1.1600E+00	2.4392E+01			1.0100E+00	8.0442E+00
1968	1.3800E+00	2.5160E+01	4.7000E-02	4.6423E-02	1.3000E+00	9.1320E+00
1969	2.2900E+00	2.6808E+01	2.7000E-02	7.1959E-02	4.2000E-01	9.3240E+00
1970	6.7000E-01	2.6816E+01	3.7000E-02	1.0675E-01	1.5000E-01	9.2447E+00
1971	9.1000E-01	2.7060E+01	9.2000E-02	1.9502E-01	1.1000E-01	9.1278E+00
1972	5.2000E-01	2.6914E+01	3.9000E-02	2.2878E-01	9.0000E-02	8.9940E+00
1973	7.3000E-01	2.6978E+01		2.2320E-01	3.0000E-03	8.7775E+00
1974	2.4000E-01	2.6557E+01	1.0000E-02	2.2763E-01		8.5634E+00
1975	6.7600E-01	2.6577E+01	1.0000E-02	2.3195E-01	1.0600E-01	8.4591E+00
1976	4.2900E-01	2.6352E+01	2.0000E-02	2.4605E-01		8.2528E+00
1977	4.5200E-01	2.6156E+01	1.0000E-02	2.4992E-01	2.5040E-02	8.0762E+00
1978	1.9940E+00	2.7487E+01	2.1000E-02	2.6457E-01	1.0620E-06	7.8791E+00
1979	2.6120E+00	2.9396E+01	3.0000E-02	2.8774E-01		7.6869E+00
1980	1.1300E-01	2.8791E+01	1.0000E-02	2.9060E-01	1.4100E-03	7.5007E+00
TOTAL	4.1286E+01		3.5300E-01		1.1295E+01	

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*** CURIES ***

	K 65G LIQUID TO SEEPAGE BASINS		K 904-88G LIQUID TO CONTAINMENT BASIN		L LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955					3.6400E-02	3.5953E-02
1956					6.5000E-02	9.9278E-02
1957					1.5470E-01	2.4966E-01
1958					1.3780E-01	3.7967E-01
1959	2.6000E-02	2.5681E-02			3.4500E-01	7.1197E-01
1960	4.0300E-03	2.9035E-02			8.7400E+00	9.3273E+00
1961		2.8326E-02			9.0000E-01	9.9887E+00
1962		2.7635E-02			8.8000E-01	1.0614E+01
1963		2.6961E-02			1.2900E+00	1.1629E+01
1964		2.6303E-02			3.0300E+00	1.4338E+01
1965	1.2000E-01	1.4419E-01			1.7300E+00	1.5697E+01
1966		1.4067E-01			1.8200E+00	1.7112E+01
1967		1.3724E-01			1.5200E+00	1.8196E+01
1968		1.3389E-01	1.2700E+00	1.2544E+00	6.9000E-01	1.8434E+01
1969		1.3062E-01	3.6100E+00	4.7895E+00	5.9000E-01	1.8567E+01
1970		1.2744E-01	1.6300E+00	6.2826E+00	7.0000E-02	1.8183E+01
1971		1.2433E-01	1.5000E-01	6.2775E+00		1.7739E+01
1972		1.2129E-01	3.0000E-02	6.1540E+00		1.7306E+01
1973		1.1834E-01	5.0000E-03	6.0088E+00		1.6884E+01
1974		1.1545E-01	1.0000E-03	5.8632E+00		1.6472E+01
1975		1.1263E-01		5.7201E+00		1.6070E+01
1976		1.0988E-01	7.0000E-03	5.5875E+00		1.5678E+01
1977		1.0720E-01	2.1700E-04	5.4514E+00		1.5296E+01
1978		1.0459E-01	1.9520E-04	5.3186E+00		1.4922E+01
1979		1.0204E-01	1.7000E-04	5.1890E+00		1.4558E+01
1980		9.9546E-02		5.0624E+00		1.4203E+01
TOTAL	1.5003E-01		6.7036E+00		2.2000E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	L 64G LIQUID TO SEEPAGE BASINS		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					3.6400E-02	3.5953E-02
1955					8.4500E-02	1.1854E-01
1956					2.4440E-01	3.5705E-01
1957					1.1570E-01	4.6262E-01
1958	4.0300E-02	3.9805E-02			1.5600E-01	6.0541E-01
1959	5.2000E-03	4.3970E-02			1.1200E+00	1.8949E+00
1960	7.1500E-03	4.9960E-02			9.1000E-01	2.5543E+00
1961	2.6000E-05	4.8767E-02	3.4190E-02	3.3770E-02	2.0700E+00	4.5366E+00
1962	3.9000E-05	4.7615E-02	2.7430E-02	6.0040E-02	1.2200E+00	5.6309E+00
1963	1.8590E-01	2.3007E-01	2.0020E-01	2.5632E-01	2.0700E+00	7.5579E+00
1964	1.2400E+00	1.4492E+00	4.0000E-02	2.8957E-01	2.2700E+00	9.6157E+00
1965	1.0000E-03	1.4149E+00	2.0000E-02	3.3392E-01	2.6700E+00	1.1031E+01
1966		1.3803E+00	4.0000E-02	3.3169E-01	1.4900E+00	1.2233E+01
1967	2.2000E-01	1.5640E+00	6.0000E-03	3.2459E-01	2.3400E+00	1.4246E+01
1968	9.0000E-02	1.6147E+00	1.0000E-03	3.1667E-01	1.5200E+00	1.5400E+01
1969		1.5753E+00		3.0894E-01	1.1600E+00	1.6170E+01
1970		1.5369E+00		3.0170E-01	2.6000E-01	1.6032E+01
1971		1.4994E+00	3.0000E-04	2.9434E-01	9.0000E-02	1.5730E+01
1972		1.4628E+00		2.8716E-01	7.0000E-03	1.5353E+01
1973		1.4271E+00		2.8016E-01	2.4000E-02	1.5002E+01
1974		1.3923E+00		2.7431E-01		1.4636E+01
1975		1.3583E+00	1.0000E-03	2.6762E-01		1.4279E+01
1976		1.3252E+00		2.6132E-01	1.5000E-05	1.3931E+01
1977		1.2929E+00	2.4000E-04	2.5496E-01		1.3591E+01
1978		1.2613E+00	1.5210E-05	2.4876E-01		1.3259E+01
1979		1.2305E+00	1.3000E-05	2.4269E-01		1.2936E+01
1980		1.2005E+00				
TOTAL	1.7896E+00		3.7039E-01		1.8878E+01	

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*** CURIES ***

	P 61G LIQUID TO SEEPAGE BASINS		R LIQUID TO STREAMS		R 60G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			3.9000E-02	3.8521E-02		
1955			4.1600E-02	7.8671E-02		
1956			1.9760E-01	2.7193E-01		
1957	4.1600E-02	4.1089E-02	1.0410E+01	1.0548E+01	1.7500E+02	1.7285E+02
1958	1.3000E-03	4.1371E-02	3.5100E-01	1.0637E+01	1.2000E+01	1.8049E+02
1959	4.2000E+00	4.1888E+00	3.6790E-01	1.0741E+01	1.3000E+01	1.8892E+02
1960	2.0040E-01	4.2846E+00	2.7900E+00	1.3234E+01		1.8432E+02
1961	4.3030E-02	4.2225E+00	1.1300E+00	1.4028E+01		1.7982E+02
1962	1.9370E-02	4.1386E+00	1.8500E+00	1.5513E+01	1.0400E-03	1.7543E+02
1963	3.9000E-02	4.0762E+00	5.9900E+00	2.1051E+01	1.3000E-03	1.7115E+02
1964	3.0000E-02	4.0064E+00	3.4000E+00	2.3895E+01	5.4000E-01	1.6751E+02
1965	3.0000E-03	3.9116E+00		2.3312E+01		1.6342E+02
1966		3.8161E+00		2.2744E+01		1.5944E+02
1967		3.7230E+00		2.2189E+01		1.5555E+02
1968	1.6000E-01	3.7902E+00		2.1647E+01		1.5175E+02
1969		3.6974E+00		2.1119E+01		1.4805E+02
1970		3.6076E+00		2.0604E+01		1.4444E+02
1971		3.5195E+00		2.0101E+01		1.4091E+02
1972		3.4337E+00		1.9611E+01		1.3748E+02
1973		3.3499E+00		1.9132E+01		1.3412E+02
1974		3.2682E+00		1.8666E+01		1.3085E+02
1975		3.1884E+00		1.8210E+01		1.2766E+02
1976		3.1106E+00		1.7766E+01		1.2454E+02
1977		3.0348E+00		1.7332E+01		1.2150E+02
1978		2.9607E+00		1.6910E+01		1.1854E+02
1979		2.8885E+00		1.6497E+01		1.1565E+02
1980		2.8180E+00		1.6095E+01		1.1283E+02
TOTAL	4.7377E+00		2.6567E+01		2.0054E+02	

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*** CURIES ***

	A 776 LIQUID TO SEEPAGE BASINS		D 400 LIQUID TO STREAMS		F 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955					1.3300E-01	1.3137E-01
1956					3.1800E-02	1.5957E-01
1957					8.1200E-03	1.6370E-01
1958					6.8000E-03	1.6642E-01
1959					2.6100E-01	4.2016E-01
1960					4.7000E-02	4.5633E-01
1961					2.7000E-02	4.7187E-01
1962					1.2000E-02	4.7221E-01
1963					1.9000E-02	4.7945E-01
1964					2.6000E-02	4.9344E-01
1965	4.6300E-02	4.5732E-02			1.1700E-02	4.9295E-01
1966	7.1000E-03	5.1629E-02			6.6000E-03	4.8745E-01
1967	1.8100E-02	6.8247E-02			5.5000E-03	4.8099E-01
1968	1.0700E-02	7.7151E-02	2.0000E-02	1.9755E-02	6.3000E-03	4.7547E-01
1969	6.8000E-03	8.1985E-02	1.0000E-02	2.9150E-02	7.0000E-03	4.7079E-01
1970	8.4300E-03	8.8311E-02	8.0000E-03	3.6340E-02	1.3600E-02	4.7273E-01
1971	1.3500E-03	8.7490E-02	1.6000E-02	5.1257E-02	9.8600E-03	4.7094E-01
1972	4.6000E-04	8.5810E-02		5.0007E-02	4.0700E-03	4.6347E-01
1973	1.1100E-02	9.4680E-02	6.2000E-04	4.9399E-02	3.2800E-03	4.5540E-01
1974	7.8000E-04	9.3140E-02	3.8000E-04	4.8569E-02	8.1800E-03	4.5237E-01
1975	6.8000E-04	9.1539E-02	4.9300E-04	4.7871E-02	2.6940E-03	4.4400E-01
1976	2.6200E-04	8.9565E-02	2.7650E-03	4.9434E-02	2.4790E-03	4.3561E-01
1977	6.6000E-05	8.7445E-02	1.4900E-04	4.8376E-02	1.9790E-03	4.2694E-01
1978	2.2440E-04	8.5533E-02	1.8000E-04	4.7373E-02	2.9880E-03	4.1947E-01
1979	8.6000E-05	8.3531E-02	8.9000E-05	4.6305E-02	2.3020E-03	4.1151E-01
1980	9.3000E-05	8.1585E-02	9.9000E-05	4.5273E-02	2.3770E-03	4.0382E-01
TOTAL	1.1253E-01		5.8775E-02		6.6263E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	H 291 ATMOSPHERIC		CENTRAL SHOPS (FORD BUILDING) LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955	2.9280E-01	2.8921E-01		
1956	2.5000E-02	3.0684E-01		
1957	1.3080E-02	3.1228E-01		
1958	1.6200E-02	3.2125E-01		
1959	5.3600E-02	3.6576E-01		
1960	6.0000E-03	3.6277E-01		
1961	1.4000E-02	3.6774E-01		
1962	2.1000E-02	3.7951E-01		
1963	1.6400E-02	3.8645E-01		
1964	1.3500E-02	3.9036E-01		
1965	7.8000E-03	3.8854E-01		
1966	1.4600E-02	3.9348E-01		
1967	8.6000E-03	3.9238E-01		
1968	2.7700E-02	4.1016E-01		
1969	1.0840E-01	5.0722E-01		
1970	4.2400E-02	5.3673E-01		
1971	2.6340E-02	5.4965E-01		
1972	1.2970E-01	6.6435E-01		
1973	1.0760E-02	6.5877E-01		
1974	2.9300E-03	6.4559E-01		
1975	2.3320E-03	6.3214E-01		
1976	2.1240E-03	6.1882E-01		
1977	2.1560E-03	6.0585E-01		
1978	8.4400E-04	5.9190E-01		
1979	1.5900E-04	5.7762E-01	4.0000E-06	3.9509E-06
1980	2.0200E-04	5.6373E-01		3.8545E-06
TOTAL	8.5863E-01		4.0000E-06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		D, 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	2.0300E-01	2.3646E-01				
1972	8.0000E-02	1.2527E-02				
1973	4.6000E-02	5.5282E-03			2.6400E-03	3.0752E-04
1974	6.8000E-02	7.9959E-03				4.1726E-06
1975	5.0000E-03	6.9091E-04				
1976	4.0000E-02	4.6687E-03				
1977	2.5940E-03	3.6551E-04				
1978	1.1130E-03	1.3461E-04	3.1630E-04	3.6844E-05		
1979		1.8264E-06	1.7900E-03	2.0901E-04		
1980			2.9000E-04	3.6616E-05		
TOTAL	2.2727E+00		2.3963E-03		2.6400E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.3000E-01	1.5143E-02				
1972	4.0000E-02	4.8648E-03	1.3000E-01	1.5143E-02		
1973	7.3000E-02	8.5694E-03	9.7000E-02	1.1504E-02		
1974	1.1000E-02	1.3976E-03	1.7400E-01	2.0424E-02		
1975	1.0000E-03	1.3545E-04	2.0000E-03	5.1010E-04	1.0000E-03	1.1648E-04
1976	7.0000E-03	8.1723E-04	5.1000E-02	5.9476E-03		1.5805E-06
1977	7.7000E-02	8.9804E-03	1.9490E-02	2.3510E-03		
1978		1.2185E-04	1.7160E-02	2.0308E-03		
1979		1.6533E-06	4.3580E-03	5.3519E-04		
1980			5.3500E-04	6.9581E-05		
TOTAL	3.3900E-01		4.9554E-01		1.0000E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
Y-91

*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971	1.3000E-01	1.5143E-02		
1972	9.0000E-02	1.0689E-02		
1973	5.6000E-03	7.9735E-04		
1974	4.9000E-02	5.7185E-03		
1975	8.0000E-03	1.0095E-03		
1976	2.8000E-02	3.2753E-03		
1977	1.8930E-03	2.6494E-04		
1978	2.5940E-03	3.0575E-04	8.8510E-04	1.0310E-04
1979		4.1487E-06	2.0510E-03	2.4031E-04
1980				3.2606E-06
TOTAL	3.1509E-01		2.9361E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
ZR-95

*** CURIES ***

	F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	2.3760E-02	3.3974E-03	3.6200E+00	5.1761E-01	1.1140E-01	1.5929E-02
1972	1.3060E-02	1.9369E-03	4.0200E+00	5.8539E-01	1.3790E-01	2.0044E-02
1973	1.7420E-02	2.5304E-03	9.7500E+00	1.4061E+00	5.1840E-02	7.8223E-03
1974	1.7990E-02	2.6241E-03	3.4000E+00	5.1490E-01	1.5440E-02	2.3677E-03
1975	3.7020E-03	5.8299E-04	7.3300E-01	1.1534E-01	9.8010E-03	1.4498E-03
1976	7.7190E-03	1.1156E-03	5.2450E+00	7.5233E-01	6.5520E-03	9.6649E-04
1977	7.6480E-03	1.1164E-03	1.9720E+00	2.9735E-01	6.7790E-03	9.8907E-04
1978	5.3680E-03	7.9038E-04	1.5720E+00	2.3086E-01	1.9640E-03	3.0105E-04
1979	1.1860E-02	1.7120E-03	1.8340E+00	2.6696E-01	1.3160E-03	1.9433E-04
1980	1.2770E-02	1.8609E-03	3.0820E+00	4.4614E-01	7.4000E-04	1.0978E-04
TOTAL	1.2130E-01		3.5228E+01		3.4373E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

ZR-95

*** CURIES ***

H 48G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	6.5000E-01	9.2942E-02
1972	3.0380E+00	4.3515E-01
1973	1.6000E+00	2.3768E-01
1974	7.2000E-01	1.0781E-01
1975	2.3900E-01	3.6378E-02
1976	4.5300E-01	6.5517E-02
1977	2.3000E-01	3.4227E-02
1978	5.0100E-01	7.2336E-02
1979	5.4500E-01	7.9407E-02
1980	1.1000E-02	3.1964E-03
TOTAL	7.9790E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

NB-95

*** CURIES ***

F 291
ATMOSPHERIC

F 47G
LIQUID TO SEEPAGE BASINS

H 291
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	2.3330E-01	6.2797E-03	3.2900E+00	8.8997E-02	1.1850E-01	3.0282E-03
1972	3.3160E-02	8.9712E-04	3.6900E+00	9.9388E-02	1.6910E-01	4.5538E-03
1973	3.9530E-02	1.0647E-03	1.0340E+01	2.7839E-01	3.5990E-02	9.7204E-04
1974	1.0880E-01	2.9293E-03	3.5700E+00	9.6295E-02	1.3700E-02	3.6947E-04
1975	1.3680E-02	3.7035E-04	4.3300E-01	1.1725E-02	1.0530E-02	2.8370E-04
1976	2.2450E-02	6.0455E-04	3.0380E+00	8.1782E-02	4.4940E-03	1.2117E-04
1977	3.3000E-02	8.2870E-04	1.1700E+00	3.1552E-02	4.4110E-03	1.1882E-04
1978	1.6330E-02	4.4020E-04	8.7790E-01	2.3653E-02	3.3330E-03	8.9800E-05
1979	2.4830E-02	6.6867E-04	1.1800E+00	3.1779E-02	1.6370E-03	4.4128E-05
1980	1.7430E-02	4.6965E-04	1.8950E+00	5.1031E-02	4.8700E-04	1.3141E-05
TOTAL	5.4251E-01		2.9484E+01		3.5618E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
NB-95

*** CURIES ***

H 486
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	8.9000E-01	2.3956E-02
1972	4.9800E+00	1.3406E-01
1973	3.0100E+00	8.1117E-02
1974	1.0400E+00	2.8052E-02
1975	4.6300E-01	1.2483E-02
1976	3.6000E-01	9.6991E-03
1977	2.5700E-01	6.9247E-03
1978	5.9860E-01	1.6117E-02
1979	2.1100E-01	5.6911E-03
1980	2.6000E-02	7.0396E-04
TOTAL	1.1836E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
ZR-NB-95

*** CURIES ***

C
LIQUID TO STREAMS

C 66G
LIQUID TO SEEPAGE BASINS

D 400
LIQUID TO STREAMS

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	8.0080E-01	1.1450E-01			9.1000E-02	1.3012E-02
1972	2.0000E-02	5.2008E-03			5.9000E-02	8.7023E-03
1973	4.6000E-02	6.6837E-03			6.8470E-02	9.9683E-03
1974	1.5200E-01	2.1871E-02				2.0380E-04
1975	1.2000E-02	2.1630E-03				4.1668E-06
1976	1.7000E-02	2.4750E-03				
1977	1.5100E-04	7.2193E-05				
1978	3.4670E-04	5.1050E-05				
1979		1.0437E-06	4.1560E-03	5.9426E-04		
1980			4.1560E-03			
TOTAL	1.0483E+00				2.1847E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

ZR-NB-95

*** CURIES ***

	K		K 904-88G		L OIL AND CHEMICAL BASIN	
	LIQUID TO STREAMS		LIQUID TO CONTAINMENT BASIN		LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	4.0000E-04	5.7195E-05	3.4000E-01	4.8616E-02	2.0000E-03	2.8597E-04
1972		1.1694E-06	9.7000E-01	1.3969E-01	2.2000E-01	3.1463E-02
1973	1.6000E-02	2.2878E-03	4.7200E-01	7.0346E-02		6.4327E-04
1974		4.6775E-05	3.3700E-01	4.9625E-02		1.3152E-05
1975		9.5634E-07	3.0000E-03	1.4436E-03	4.0000E-03	5.7222E-04
1976			1.1500E-01	1.6473E-02		1.1699E-05
1977	9.3060E-02	1.3306E-02	8.9340E-02	1.3111E-02		2.3919E-07
1978		2.7205E-04	4.8390E-02	7.1872E-03		
1979		5.5622E-06	5.7930E-03	9.7527E-04		
1980		1.1372E-07	1.0630E-02	1.5399E-03		
TOTAL	1.0946E-01		2.3911E+00		2.2600E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

ZR-NB-95

*** CURIES ***

	P		P 61G	
	LIQUID TO STREAMS		LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971	6.6000E-04	9.4372E-05		
1972	2.0000E-02	2.8617E-03		
1973	6.2000E-02	8.9237E-03		
1974	8.4000E-02	1.2193E-02		
1975	2.7000E-02	4.1100E-03		
1976		8.4029E-05		
1977	6.1000E-04	8.8940E-05		
1978		1.8184E-06		
1979			1.3300E-04	1.9017E-05
1980			3.9370E-03	5.6333E-04
TOTAL	1.9427E-01		4.0700E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

RU-103

*** CURIES ***

	F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.2950E-02	5.3052E-04	1.8500E+00	7.5788E-02	2.7210E+00	1.1147E-01
1972	6.8200E-03	2.8028E-04	2.0400E+00	8.3699E-02	3.8420E+00	1.5758E-01
1973	3.6000E-03	1.4795E-04	2.1500E+00	8.8218E-02	1.8760E+00	7.7118E-02
1974	3.4400E-03	1.4117E-04	1.3800E+00	5.6682E-02	5.3800E-03	3.4982E-04
1975	7.1200E-04	2.9405E-05	8.2000E-02	3.4544E-03	1.1030E-03	4.5773E-05
1976	1.2840E-03	5.2650E-05	1.0410E+00	4.2652E-02	1.9640E-02	8.0466E-04
1977	1.5330E-03	6.2890E-05	1.1540E+00	4.7347E-02	2.3110E-02	9.4809E-04
1978	8.0070E-01	3.2802E-02	6.5510E-01	2.6917E-02	1.7430E-03	7.2996E-05
1979	1.1880E-03	1.0372E-04	7.2600E-01	2.9787E-02	3.6330E-03	1.4895E-04
1980	1.2500E-03	5.1382E-05	1.2340E+00	5.0603E-02	4.0500E-04	1.6841E-05
TOTAL	8.3348E-01		1.2312E+01		8.4940E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

RU-103

*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	5.1700E+00	2.1180E-01
1972	4.3700E+00	1.7938E-01
1973	1.9900E+00	8.1824E-02
1974	2.1000E-01	8.7403E-03
1975	1.9800E-01	8.1260E-03
1976	8.1000E-01	3.3197E-02
1977	1.1400E-01	4.7259E-03
1978	6.4280E-01	2.6341E-02
1979	8.2200E-01	3.3719E-02
1980	2.0000E-02	8.7592E-04
TOTAL	1.4347E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

RU-106

*** CURIES ***

	F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955			4.9560E+00	3.5117E+00		
1956			9.2400E+00	8.3104E+00		
1957			2.3050E+01	2.0505E+01		
1958			1.0800E+01	1.7948E+01		
1959			4.8400E+01	4.3306E+01		
1960			1.4000E+02	1.2094E+02		
1961			3.6400E+01	8.6514E+01		
1962			8.0940E+01	1.0079E+02		
1963			7.0040E+01	1.0023E+02		
1964			2.0340E+02	1.9445E+02		
1965			8.8890E+01	1.6061E+02		
1966			6.2590E+01	1.2499E+02		
1967			4.7170E+01	9.6178E+01		
1968			4.4490E+01	7.9813E+01		
1969	1.1280E-01	7.9927E-02	1.4020E+01	5.0007E+01	4.0000E+00	2.8343E+00
1970	3.1100E-01	2.6050E-01	3.9190E+01	5.2876E+01	3.6720E-01	1.6832E+00
1971	1.0900E-01	2.0802E-01	1.1930E+01	3.5001E+01	2.8440E+00	2.8603E+00
1972	2.6700E-02	1.2338E-01	1.5910E+01	2.8847E+01	3.4400E+00	3.8736E+00
1973	3.2650E-02	8.5073E-02	2.7500E+01	3.3969E+01	1.2750E+00	2.8483E+00
1974	2.7490E-02	6.2192E-02	1.2580E+01	2.5969E+01	1.1490E-01	1.5115E+00
1975	1.0000E-02	3.8311E-02	3.9750E+00	1.5855E+01	2.6560E-02	7.7770E-01
1976	1.2800E-02	2.8305E-02	7.3720E+00	1.3184E+01	2.5110E-01	5.6839E-01
1977	1.0340E-02	2.1538E-02	6.0390E+00	1.0899E+01	1.2930E-01	3.7699E-01
1978	3.2010E+01	2.2692E+01	1.2580E+01	1.4386E+01	6.0710E-02	2.3230E-01
1979	3.1620E-02	1.1416E+01	1.1220E+01	1.5173E+01	2.2950E-02	1.3289E-01
1980	2.6910E-02	5.7506E+00	1.8450E+01	2.0691E+01	3.2930E-02	9.0056E-02
TOTAL	3.2721E+01		1.0511E+03		1.2565E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955	9.0000E+00	6.3772E+00
1956	1.4000E+01	1.3122E+01
1957	2.5800E+01	2.4869E+01
1958	1.7400E+01	2.4816E+01
1959	8.8900E+01	7.5452E+01
1960	1.7000E+01	4.9928E+01
1961	1.6800E+01	3.6977E+01
1962	3.5440E+01	4.3675E+01
1963	5.2480E+01	5.9114E+01
1964	3.0300E+01	5.1150E+01
1965	1.4590E+01	3.6019E+01
1966	3.2530E+01	4.1134E+01
1967	1.3160E+01	2.9977E+01
1968	5.3100E+01	5.2676E+01
1969	3.9130E+01	5.4174E+01
1970	1.2150E+01	3.5809E+01
1971	2.0360E+01	3.7405E+01
1972	1.2930E+01	2.5432E+01
1973	7.2200E+00	1.7885E+01
1974	1.1370E+01	1.7036E+01
1975	2.2570E+00	1.0153E+01
1976	5.7690E+00	9.1852E+00
1977	1.7250E+00	5.8340E+00
1978	6.3940E+00	7.4597E+00
1979	4.6580E+00	7.0459E+00
1980	1.3430E+00	4.4892E+00
TOTAL	5.4580E+02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
RU-103-106

*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		D 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.9500E-02	1.3817E-02				
1956	1.8000E-02	1.9692E-02				
1957	3.3000E-02	3.3270E-02				
1958	6.1500E-02	6.0281E-02				
1959	6.9300E-01	5.2131E-01	2.2050E-01	1.5624E-01		
1960	4.9000E-01	6.0894E-01	9.5530E-02	1.4614E-01		
1961	9.0000E-01	9.4345E-01	3.0000E-02	9.4628E-02		
1962	3.3000E-01	7.0752E-01	5.8500E-03	5.1656E-02		
1963	3.3000E-01	5.8906E-01	7.3500E-02	7.8016E-02		
1964	5.1000E-01	6.5713E-01	1.1700E+00	8.6820E-01		
1965	7.9000E-01	8.8970E-01	7.9000E-01	9.9568E-01		
1966	2.9000E-01	6.5219E-01	4.2000E-01	7.9751E-01		
1967	3.3000E-01	5.6128E-01	2.0000E-01	5.4213E-01	2.9000E-01	2.0549E-01
1968	5.7000E-01	6.8569E-01	3.0000E-03	2.7432E-01	2.0000E-02	1.1734E-01
1969	1.0000E-01	4.1513E-01		1.3773E-01	2.0000E-02	7.3086E-02
1970	6.0000E-02	2.5094E-01		6.9150E-02	1.0000E-03	3.7404E-02
1971	1.0000E-02	1.3308E-01		3.4719E-02	2.4000E-02	3.5785E-02
1972		6.6815E-02		1.7431E-02	3.9000E-02	4.5601E-02
1973	2.4000E-02	5.0552E-02		8.7520E-03	1.8420E-02	3.5947E-02
1974	3.0000E-03	2.7507E-02		4.3942E-03		1.8048E-02
1975		1.3811E-02		2.2062E-03		9.0617E-03
1976	1.0000E-03	7.6426E-03		1.1077E-03		4.5497E-03
1977	3.6600E-04	4.4502E-03		5.5615E-04		2.2843E-03
1978		2.2346E-03		2.7923E-04		1.1469E-03
1979		1.1220E-03		1.4019E-04		5.7583E-04
1980		5.6331E-04	7.2600E-04	5.8481E-04		2.8911E-04
TOTAL	5.5639E+00		3.0091E+00		4.1242E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
RU-103-106

*** CURIES ***

	F 291 ATMOSPHERIC		H 291 ATMOSPHERIC		K LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	7.2770E+00	5.1563E+00	1.7790E+01	1.2606E+01	1.6500E-02	1.1691E-02
1956	4.0290E+00	5.4437E+00	2.3110E+00	7.9665E+00	3.6000E-02	3.1379E-02
1957	4.4430E-01	3.0480E+00	7.9460E-01	4.5628E+00	9.7500E-02	8.4841E-02
1958	2.3060E-01	1.6937E+00	3.8600E-01	2.5644E+00	4.6500E-02	7.5545E-02
1959	8.0340E+00	6.5431E+00	1.9540E+00	2.6721E+00	2.8800E-01	2.4200E-01
1960	8.6950E+00	9.4462E+00	1.5900E-01	1.4543E+00	1.3500E+00	1.0781E+00
1961	6.7400E-01	5.2203E+00	3.2390E+00	3.0252E+00	2.4200E+00	2.2560E+00
1962	2.5290E+00	4.4130E+00	2.4600E-01	1.6932E+00	7.7000E-01	1.6783E+00
1963	1.1540E+00	3.0334E+00	2.7350E+00	2.7881E+00	5.9000E-01	1.2607E+00
1964	1.5920E+00	2.6510E+00	1.0230E+00	2.1247E+00	8.0000E-01	1.1998E+00
1965	2.5650E+00	3.1485E+00	1.9500E-01	1.2049E+00	1.8900E+00	1.9416E+00
1966	1.0580E+00	2.3305E+00	3.5320E+00	3.1077E+00	3.3000E-01	1.2087E+00
1967	1.2160E-01	1.2562E+00	2.9680E-01	1.7706E+00	6.1000E-01	1.0391E+00
1968	1.4240E-01	7.3163E-01	1.9910E+01	1.4997E+01	1.2700E+00	1.4216E+00
1969		3.6734E-01		7.5295E+00		7.1375E-01
1970		1.8443E-01		3.7804E+00		3.5836E-01
1971		9.2599E-02		1.8981E+00		1.7992E-01
1972		4.6492E-02		9.5247E-01		9.0355E-02
1973		2.3342E-02		4.7847E-01	2.0000E-03	4.6772E-02
1974		1.1720E-02		2.4023E-01		2.3483E-02
1975		5.8842E-03		1.2063E-01	5.2000E-02	4.8363E-02
1976		2.9543E-03		6.0557E-02		2.4419E-02
1977		1.4833E-03		3.0404E-02	1.5600E-14	1.2371E-02
1978		7.4474E-04		1.5265E-02		6.2112E-03
1979		3.7392E-04		7.6644E-03		3.1185E-03
1980		1.8773E-04		3.8481E-03		1.5657E-03
TOTAL	3.8546E+01		5.4571E+01		1.0569E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

RU-103-106

*** CURIES ***

	K 65G LIQUID TO SEEPAGE BASINS		K 904-88G LIQUID TO CONTAINMENT BASIN		L LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956					4.2000E-02	2.9760E-02
1957					7.5000E-02	6.8085E-02
1958					1.7850E-01	1.6066E-01
1959	3.0000E-02	2.1257E-02			1.5900E-01	1.9333E-01
1960	4.6500E-03	1.3968E-02			3.9900E-01	3.7979E-01
1961		7.0128E-03			3.7600E+00	2.8549E+00
1962		3.5210E-03			2.3600E+00	3.1056E+00
1963		1.7678E-03			5.0000E-01	1.9136E+00
1964		8.8758E-04			8.7000E-01	1.5772E+00
1965	1.0000E-03	1.1542E-03			4.9900E+00	4.3277E+00
1966		5.7950E-04			1.0800E+00	2.9381E+00
1967		2.9086E-04			6.5000E-01	1.9357E+00
1968		1.4608E-04	1.9600E+00	1.3888E+00	7.1000E-01	1.4750E+00
1969		7.3345E-05	1.2900E+00	1.6113E+00		7.4055E-01
1970		3.6825E-05	1.6900E+00	2.0065E+00		3.7181E-01
1971		1.8489E-05	2.0000E-02	1.0216E+00		1.8668E-01
1972		9.2829E-06	2.0000E-02	5.2709E-01		9.3720E-02
1973		4.6607E-06	1.0000E-03	2.6535E-01		4.7059E-02
1974		2.3400E-06	1.0000E-03	1.3393E-01		2.3627E-02
1975		1.1749E-06		6.7246E-02		1.1863E-02
1976		5.8988E-07	2.3000E-02	5.0060E-02		5.9560E-03
1977		2.9617E-07	3.4470E-03	2.7576E-02		2.9904E-03
1978		1.4870E-07	7.2990E-04	1.4363E-02		1.5014E-03
1979			1.8600E-04	7.3430E-03		7.5381E-04
1980			1.2900E-04	3.7781E-03		3.7847E-04
TOTAL	3.5650E-02		5.0095E+00		1.5773E+01	1.9002E-04

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

RU-103-106

*** CURIES ***

	L 64G LIQUID TO SEEPAGE BASINS		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956					4.2000E-02	2.9760E-02
1957					9.7500E-02	8.4028E-02
1958	4.6500E-02	3.2949E-02			2.8200E-01	2.4201E-01
1959	6.0000E-03	2.0794E-02			1.3350E-01	2.1610E-01
1960	8.2500E-03	1.6286E-02			1.8000E-01	2.3604E-01
1961	3.0000E-05	8.1981E-03	3.9450E-02	2.7953E-02	1.1200E+00	9.1212E-01
1962	4.5000E-05	4.1480E-03	3.1650E-02	3.6461E-02	5.8000E-01	8.6893E-01
1963	2.1450E-01	1.5407E-01	2.3100E-01	1.8199E-01	4.3800E+00	3.5398E+00
1964	7.0000E-02	1.2696E-01	3.7800E+00	2.7698E+00	1.4500E+00	2.8047E+00
1965		6.3742E-02	2.9360E+01	2.2194E+01	6.3000E-01	1.8546E+00
1966		3.2003E-02	1.6500E+00	1.2312E+01	8.0000E-02	9.8783E-01
1967		1.6068E-02	8.1000E-01	6.7558E+00		4.9597E-01
1968	1.1000E-01	8.6011E-02	1.0000E-02	3.3990E+00	1.0000E-02	2.4901E-01
1969		4.3134E-02	1.0000E-03	1.7073E+00	4.0000E-01	1.3211E-01
1970		2.1682E-02	1.0000E-03	8.5789E-01		3.4976E-01
1971		1.0886E-02	1.0000E-03	4.3144E-01	4.6000E-04	1.7561E-01
1972		5.4656E-03	2.0000E-02	2.3079E-01		8.8494E-02
1973		2.7441E-03		1.1587E-01		4.4431E-02
1974		1.3778E-03		5.8177E-02	4.0000E-03	2.5142E-02
1975		6.9175E-04	2.0000E-03	3.0627E-02	1.0000E-03	1.3332E-02
1976		3.4731E-04		1.5377E-02	2.0000E-03	8.1108E-03
1977		1.7438E-04	3.2700E-04	7.9521E-03		4.0722E-03
1978		8.7551E-05		3.9926E-03		2.0446E-03
1979		4.3958E-05		2.0046E-03		1.0265E-03
1980		2.2070E-05		1.0065E-03		5.1540E-04
TOTAL	4.5533E-01		3.5937E+01		9.3925E+00	2.5877E-04

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
RU-103-106

*** CURIES ***

	P 61G LIQUID TO SEEPAGE BASINS		R LIQUID TO STREAMS		R 60G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			4.5000E-02	3.1886E-02		
1955			4.8000E-02	5.0021E-02		
1956			2.2800E-01	1.8667E-01		
1957	4.8000E-02	3.4012E-02	1.5590E+00	1.1984E+00	1.7040E+01	1.2074E+01
1958	1.5000E-03	1.8139E-02	4.0500E-01	8.8866E-01	6.3300E-01	6.5107E+00
1959	8.5500E-02	6.9690E-02	4.2450E-01	7.4697E-01	1.3500E-02	3.2784E+00
1960	9.1500E-02	9.9825E-02	2.3200E+00	2.0189E+00		1.6460E+00
1961	4.9650E-02	8.5300E-02	7.5000E-01	1.5451E+00		8.2643E-01
1962	2.2350E-02	5.8664E-02	9.2000E-01	1.4276E+00	1.2000E-03	4.1578E-01
1963	4.5000E-02	6.1340E-02	9.2900E+00	7.2994E+00	1.5000E-03	2.0982E-01
1964		3.0797E-02	9.3000E-01	4.3239E+00		1.0535E-01
1965		1.5463E-02		2.1709E+00		5.2892E-02
1966		7.7635E-03		1.0900E+00		2.6556E-02
1967		3.8979E-03		5.4725E-01		1.3333E-02
1968		1.9570E-03		2.7476E-01		6.6942E-03
1969		9.8258E-04		1.3795E-01		3.3610E-03
1970		4.9333E-04		6.9263E-02		1.6875E-03
1971		2.4769E-04		3.4775E-02		8.4725E-04
1972		1.2436E-04		1.7460E-02		4.2539E-04
1973		6.2438E-05		8.7662E-03		2.1358E-04
1974		3.1349E-05		4.4013E-03		1.0723E-04
1975		1.5740E-05		2.2098E-03		5.3839E-05
1976		7.9025E-06		1.1055E-03		2.7031E-05
1977		3.9677E-06		5.5705E-04		1.3572E-05
1978		1.9921E-06		2.7968E-04		6.8141E-06
1979		1.0002E-06		1.4042E-04		3.4212E-06
1980		7.3485E-05		7.0503E-05		1.7177E-06
TOTAL	3.4360E-01		1.6919E+01		1.7689E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SB-124

*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	4.0000E-02	4.8013E-03	8.0500E+00	9.6625E-01	8.0000E-04	9.6025E-05
1972		6.9175E-05		1.3921E-02		1.3835E-06
1973		9.9664E-07		2.0057E-04		
1974				2.8898E-06		
1975						
1976						
1977						
1978						
1979						
1980						
TOTAL	4.0000E-02		8.0500E+00		8.0000E-04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SB-125

*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS		K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972	8.6000E-01	7.5743E-01	4.1000E-04	3.6110E-04	1.1100E+00	9.7741E-01
1973		5.8753E-01		2.8010E-04		7.5833E-01
1974		4.5574E-01		2.1727E-04		5.8823E-01
1975		3.5352E-01		1.6854E-04		4.5628E-01
1976		2.7422E-01		1.3073E-04		3.5394E-01
1977		2.1271E-01		1.0141E-04		2.7454E-01
1978		1.6500E-01		7.8662E-05		2.1296E-01
1979		1.2799E-01		6.1017E-05		1.6519E-01
1980		9.9279E-02		4.7331E-05		1.2814E-01
TOTAL	8.6000E-01		4.1000E-04	3.6714E-05	1.1100E+00	9.9396E-02

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
9B 1E4-125

*** CURIES ***

	C LIQUID TO STREAMS		F 47G LIQUID TO SEEPAGE BASINS		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972						
1973	1.0000E-02	8.8073E-03	5.0000E-02	4.4037E-02	3.1000E-01	2.7303E-01
1974		6.8318E-03	3.0000E-02	6.0581E-02	1.4000E-01	3.3509E-01
1975	1.0000E-03	6.1801E-03		4.6992E-02	7.1000E-02	3.2246E-01
1976		4.7938E-03		3.6451E-02	9.8000E-02	3.3644E-01
1977		3.7185E-03		2.8275E-02	2.5000E-02	2.8299E-01
1978		2.8844E-03		2.1933E-02	4.1650E-02	2.5620E-01
1979		2.2374E-03		1.7013E-02	5.5000E-02	2.4717E-01
1980		1.7356E-03		1.3177E-02	3.0000E-03	1.9437E-01
TOTAL	1.1000E-02		8.0000E-02		7.4365E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SB-124-125

*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972			7.1000E-01	6.2532E-01		
1973			1.9300E-01	6.5504E-01	1.1000E-02	9.6881E-03
1974			2.4800E-01	7.2653E-01		7.5150E-03
1975			3.7000E-02	5.9615E-01		5.8293E-03
1976			1.2400E-01	5.7164E-01		4.5217E-03
1977	4.8000E-05	4.2275E-05	3.7680E-02	4.7660E-01	8.3400E-04	4.2420E-03
1978		3.2793E-05	2.0820E-02	3.8803E-01		3.2905E-03
1979		2.5437E-05	1.4520E-02	3.1378E-01		2.5524E-03
1980		1.9731E-05	1.3590E-02	2.5537E-01		1.9799E-03
TOTAL	4.8000E-05		1.3986E+00		1.1834E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
SB-124-125

*** CURIES ***

	P-61G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978		
1979	2.1500E-04	1.8936E-04
1980		
TOTAL	2.1500E-04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

COMBINED F AND H
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955	2.1150E-01	2.1150E-01
1956	2.1150E-01	4.2300E-01
1957	2.1150E-01	6.3450E-01
1958	2.1150E-01	8.4600E-01
1959	2.1150E-01	1.0575E+00
1960	2.1150E-01	1.2690E+00
1961	2.1150E-01	1.4805E+00
1962	2.1150E-01	1.6920E+00
1963	2.1150E-01	1.9035E+00
1964	2.1150E-01	2.1150E+00
1965	2.1150E-01	2.3265E+00
1966	2.1150E-01	2.5380E+00
1967	2.1150E-01	2.7495E+00
1968	2.1150E-01	2.9610E+00
1969	2.1160E-01	3.1726E+00
1970	2.1150E-01	3.3841E+00
1971	2.1150E-01	3.5956E+00
1972	2.1150E-01	3.8071E+00
1973	2.1150E-01	4.0186E+00
1974	1.7000E-01	4.1886E+00
1975	1.4000E-01	4.3286E+00
1976	1.5000E-01	4.4786E+00
1977	1.4000E-01	4.6186E+00
1978	1.3000E-01	4.7486E+00
1979	1.3000E-01	4.8786E+00
1980	1.6000E-01	5.0386E+00
TOTAL	5.0386E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

A 773
ATMOSPHERIC

C 105
ATMOSPHERIC

C
LIQUID TO STREAMS

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.8000E-02				1.3200E+00	2.0052E-07
1972	2.4840E-02				8.0000E-01	1.2153E-07
1973	3.1150E-02		9.2900E-03		5.6000E-02	
1974	2.5580E-02		9.1000E-04		1.4000E-02	
1975	7.7320E-03		8.1900E-04			
1976	1.3130E-02		2.4090E-03		2.0000E-03	
1977	5.0370E-03		4.9360E-03		5.1860E-03	
1978	8.7000E-03		1.3070E-03			
1979	3.2090E-03		2.3600E-03			
1980	4.1860E-03		6.8750E-04			
TOTAL	1.4162E-01		2.8906E-02		2.1972E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

	C 66G LIQUID TO SEEPAGE BASINS		F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971			2.1500E+00	3.2660E-07	1.8500E+00	2.8103E-07
1972			1.9300E+00	2.9318E-07	1.2800E+00	1.9444E-07
1973			7.7600E-01	1.1788E-07	1.7900E+00	2.7191E-07
1974			1.8770E+00	2.8513E-07	1.7000E-01	
1975			1.3840E-02		2.4000E-02	
1976			2.0070E-02		4.0000E-03	
1977			3.7750E-02		1.5000E-02	
1978	3.3920E-04		1.5030E-02		4.1580E-04	
1979	1.7680E-03		1.0220E-02			
1980	1.4100E-03		1.9340E-03			
TOTAL	3.5172E-03		6.8318E+00		5.1334E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

	H 291 ATMOSPHERIC		H 48G LIQUID TO SEEPAGE BASINS		K 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	2.4450E+01	3.7141E-06	9.7000E-01	1.4735E-07	7.3900E-03	
1972	7.8000E-01	1.1849E-07	1.6300E+00	2.4761E-07	9.5400E-03	
1973	1.0230E+00	1.5540E-07	1.1200E+00	1.7014E-07	9.4000E-04	
1974	8.0000E-03		1.8000E-01		7.0700E-04	
1975	9.9360E-02		1.9900E-01		4.9200E-04	
1976	1.1720E-01		1.1300E-01		3.2900E-04	
1977	1.1650E-02		1.4000E-02		9.1000E-04	
1978	3.8530E-02		3.5010E-02		1.0080E-03	
1979	6.2000E-02		4.4000E-02		3.6940E-03	
1980	3.2870E-03					
TOTAL	2.6593E+01		4.3050E+00		2.5010E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972			1.3000E-01		4.0000E-04	
1973	9.0000E-03		1.4100E-01			
1974			1.0000E-03			
1975			3.0000E-03			
1976						
1977			1.4400E-04			
1978			1.4450E-03			
1979			3.2300E-04			
1980			8.2800E-04			
TOTAL	9.0000E-03		2.7774E-01		4.0000E-04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	P 105 ATMOSPHERIC		P LIQUID TO STREAMS		P 610 LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971			2.1000E-01			
1972			1.3000E-01			
1973	6.7100E-03		9.0000E-02			
1974	1.4600E-03					
1975	1.0290E-03					
1976	2.1570E-03					
1977	1.1660E-03		7.2200E-03			
1978	9.5100E-04		7.2560E-04			
1979	5.5460E-03				1.8750E-02	
1980	5.1440E-03				1.5040E-02	
TOTAL	2.4163E-02		4.3795E-01		3.3790E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

COMBINED F AND H
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	1.0870E+03	2.8758E-02
1972	2.9240E+02	7.7359E-03
1973	5.1070E+02	1.3511E-02
1974	1.3500E+02	3.5717E-03
1975	5.8000E+00	1.5345E-04
1976	6.3080E+02	1.6689E-02
1977	1.2120E+01	3.2066E-04
1978	7.0840E+00	1.8742E-04
1979	9.1130E+00	2.4110E-04
1980	1.9300E-01	5.1061E-06
TOTAL	2.6902E+03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

C 105
ATMOSPHERIC

COMBINED F AND H
ATMOSPHERIC

K 105
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	5.0000E+03	1.8876E-07	2.7480E+03	1.0374E-07	3.5000E+03	1.3213E-07
1972	8.3000E+03	3.1334E-07	7.7300E+00		1.8470E+04	6.9727E-07
1973	7.0230E+03	2.6513E-07	3.7030E+01		9.7870E+03	3.6947E-07
1974	2.0430E+03		1.2900E+02		3.3030E+03	1.2469E-07
1975	1.7700E+02				6.8000E+02	
1976	7.2100E+02		9.0190E+02		4.1700E+02	
1977	1.1610E+03		1.3000E-02		2.3300E+02	
1978	7.7400E+02		6.4400E-01		5.1200E+02	
1979	1.0100E+03		2.9000E-01		7.0200E+02	
1980	2.8530E+03	1.0789E-07			1.0210E+03	
TOTAL	2.9067E+04		3.8246E+03		3.8630E+04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

P 105
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	1.4000E+04	5.2852E-07
1972	1.2330E+04	4.6547E-07
1973	5.5960E+03	2.1126E-07
1974	3.2000E+01	
1975	2.1500E+02	
1976	4.3800E+02	
1977	9.0300E+02	
1978	9.0300E+02	
1979	3.6250E+03	1.3685E-07
1980	3.8780E+03	1.4640E-07
TOTAL	4.1920E+04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

C
LIQUID TO STREAMS

C 66G
LIQUID TO SEEPAGE BASINS

F 291
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971					3.2000E-04	2.7024E-04
1972						1.9274E-04
1973						1.3746E-04
1974	3.8000E-02	3.2091E-02				9.8035E-05
1975	6.0000E-03	2.7954E-02			7.0000E-06	7.5829E-05
1976	1.3000E-02	3.0916E-02				5.4081E-05
1977	5.6730E-03	2.6840E-02			2.0000E-06	4.0259E-05
1978	3.4800E-04	1.9436E-02	8.4800E-04	7.1614E-04	1.9000E-05	4.4758E-05
1979		1.3862E-02	1.5150E-03	1.7902E-03	1.1700E-04	1.3073E-04
1980		9.8860E-03	7.1300E-04	1.8789E-03	1.8100E-04	2.4609E-04
TOTAL	6.3021E-02		3.0760E-03		6.4600E-04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.6000E-01	1.3512E-01	4.7600E-03	4.0199E-03	1.4300E+00	1.2076E+00
1972		9.6368E-02	1.5500E-03	4.1759E-03	9.1000E-01	1.6298E+00
1973		6.8729E-02		2.9783E-03	6.0000E-01	1.6691E+00
1974	3.7000E-01	3.6149E-01	3.0000E-05	2.1494E-03	2.5000E-01	1.4015E+00
1975	7.3000E-02	3.1946E-01	1.9300E-04	1.6959E-03	4.1200E-01	1.3475E+00
1976		2.2784E-01	1.7000E-04	1.3531E-03	4.4000E-01	1.3326E+00
1977	1.4000E-02	1.7432E-01	4.3100E-04	1.3290E-03	2.0600E-01	1.1244E+00
1978	2.7480E-02	1.4753E-01	1.0600E-04	1.0374E-03	6.8500E-01	1.3804E+00
1979	2.8000E-02	1.2886E-01	1.5100E-04	8.6736E-04	1.1120E+00	1.9236E+00
1980	2.0000E-03	9.3593E-02	1.9900E-04	7.8666E-04	6.5000E-02	1.4268E+00
TOTAL	6.7448E-01		7.5900E-03		6.1100E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972			3.1000E-01	2.6180E-01		
1973			2.3000E-02	2.0614E-01		
1974			2.1000E-02	1.6475E-01		
1975	1.6300E-01	1.3765E-01	7.0000E-03	1.2341E-01	1.0000E-03	8.4451E-04
1976		9.8175E-02	4.3000E-02	1.2433E-01		6.0230E-04
1977	2.7030E-02	9.2045E-02	1.5180E-02	1.0149E-01	5.9000E-05	4.7938E-04
1978		6.6216E-02	4.8260E-03	7.6458E-02		3.4189E-04
1979		4.7225E-02	2.4420E-03	5.6592E-02		2.4384E-04
1980		3.3681E-02	3.0580E-03	4.2944E-02		1.7390E-04
TOTAL	1.9003E-01		4.2951E-01		1.0590E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971				
1972	4.0000E-02	3.3760E-02		
1973	2.0600E-01	1.9806E-01		
1974	2.0000E-02	1.5815E-01		
1975	6.0000E-03	1.1786E-01		
1976	4.0000E-03	8.7432E-02		
1977	1.4560E-02	7.4652E-02		
1978	3.1910E-03	5.5937E-02	3.7500E-03	3.1669E-03
1979		3.9894E-02	9.6490E-03	1.0407E-02
1980		2.8452E-02	1.1650E-03	8.4063E-03
TOTAL	2.9375E-01		1.4564E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	C 105 ATMOSPHERIC		K 105 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.1000E+01		7.1000E+02		2.9000E+03	
1972	2.2800E+03		7.2200E+03		2.3000E+03	
1973	2.1240E+03		4.5070E+03		2.7480E+03	
1974	7.6600E+02		1.4440E+03		2.6000E+01	
1975	2.2200E+02		3.8900E+02		1.1600E+02	
1976	4.2100E+02		1.4900E+02		1.6300E+02	
1977	7.7900E+02		1.0800E+02		6.5500E+02	
1978	6.3000E+02		2.7000E+02		7.8500E+02	
1979	7.0500E+02		2.7600E+02		3.4820E+03	
1980	2.3320E+03		4.8900E+02		3.5500E+03	
TOTAL	1.1299E+04		1.5562E+04		1.6725E+04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	A 776 LIQUID TO SEEPAGE BASINS		C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955			7.8000E-02	7.7104E-02		
1956			7.2000E-02	1.4652E-01		
1957			1.3200E-01	2.7366E-01		
1958			2.4600E-01	5.1058E-01		
1959			2.7720E+00	3.2391E+00	8.8200E-01	8.7187E-01
1960			4.7830E+00	7.8932E+00	3.8100E-01	1.2286E+00
1961			1.6800E+00	9.3737E+00	1.2000E-01	1.3192E+00
1962			4.8400E+00	1.3944E+01	2.3400E-02	1.3122E+00
1963			6.9000E-01	1.4308E+01	2.9400E-01	1.5728E+00
1964			6.6000E-01	1.4633E+01	2.0000E-02	1.5567E+00
1965			2.6000E-01	1.4556E+01	8.0000E-03	1.5290E+00
1966				1.4224E+01		1.4941E+00
1967			6.6000E-01	1.4551E+01		1.4600E+00
1968			5.0000E-02	1.4269E+01		1.4267E+00
1969			3.5400E+00	1.7442E+01	6.5000E-02	1.4583E+00
1970			9.7300E+00	2.6662E+01	1.0000E-02	1.4349E+00
1971			2.2010E-01	2.6271E+01		1.4021E+00
1972				2.5671E+01		1.3701E+00
1973			1.3900E-01	2.5222E+01		1.3388E+00
1974	9.6000E-04	9.4898E-04	3.7700E-01	2.5019E+01		1.3083E+00
1975		9.2731E-04	5.8000E-02	2.4505E+01		1.2784E+00
1976		9.0613E-04	5.7000E-02	2.4002E+01		1.2492E+00
1977	1.5900E-03	2.4572E-03	4.2100E-02	2.3495E+01		1.2207E+00
1978	1.8940E-03	4.2733E-03	5.8180E-03	2.2964E+01	2.0830E-03	1.1949E+00
1979	2.6350E-03	6.7805E-03	1.0000E-05	2.2440E+01	2.2100E-02	1.1894E+00
1980	2.0590E-03	8.6610E-03		2.1927E+01	7.8710E-03	1.1700E+00
TOTAL	9.1380E-03		3.1092E+01		1.8354E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

	F 291 ATMOSPHERIC		F 281 LIQUID TO STREAMS		F 47G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.5200E-01	1.5025E-01			1.8200E-01	1.7991E-01
1956	8.4160E-02	2.3002E-01			5.7200E-01	7.4123E-01
1957	9.2800E-03	2.3394E-01			8.4620E-01	1.5608E+00
1958	8.1000E-03	2.3660E-01			6.7000E-01	2.1875E+00
1959	6.1000E-02	2.9150E-01			1.0000E+00	3.1260E+00
1960	1.1600E-01	3.9951E-01			7.0000E+00	9.9742E+00
1961	2.3000E-02	4.1312E-01			1.7740E+01	2.7283E+01
1962	9.0000E-03	4.1259E-01			5.7080E+01	8.3084E+01
1963	9.9000E-03	4.1295E-01			1.5380E+01	9.6390E+01
1964	5.1000E-02	4.5394E-01			1.5480E+01	1.0949E+02
1965	9.8000E-03	4.5326E-01			4.3800E+00	1.1132E+02
1966	7.8000E-03	4.5062E-01			3.9500E+00	1.1268E+02
1967	6.0000E-03	4.4626E-01			7.2300E+00	1.1726E+02
1968	7.0000E-03	4.4299E-01			1.8980E+01	1.3334E+02
1969	8.7000E-03	4.4147E-01			2.2510E+01	1.5255E+02
1970	9.8000E-03	4.4108E-01	1.1400E-01	1.1269E-01	1.2900E+01	1.6182E+02
1971	2.4800E-03	4.3345E-01	2.5200E-01	3.5922E-01	4.8100E+00	1.6288E+02
1972	4.6000E-04	4.2401E-01	7.1000E-02	4.2121E-01	2.7200E+00	1.6185E+02
1973	7.5000E-04	4.1507E-01	4.1900E-02	4.5301E-01	4.1300E+00	1.6223E+02
1974	9.2000E-04	4.0650E-01	3.4760E-02	4.7702E-01	4.7200E+00	1.6319E+02
1975	5.8600E-04	3.9780E-01	1.1640E-02	4.7764E-01	9.7500E-01	1.6043E+02
1976	7.0100E-04	3.8941E-01	1.4750E-02	4.8131E-01	3.1000E-01	1.5707E+02
1977	5.6100E-04	3.8107E-01	9.5700E-03	4.7978E-01	6.1400E-01	1.5409E+02
1978	1.5120E-03	3.7386E-01	2.2450E-02	4.9101E-01	1.0320E+00	1.5160E+02
1979	1.9930E-03	3.6730E-01	3.4910E-02	5.1431E-01	6.0500E-01	1.4873E+02
1980	1.9320E-03	3.6082E-01	2.4880E-02	5.2716E-01	2.7500E-01	1.4561E+02
TOTAL	5.8443E-01		6.3186E-01		2.0609E+02	

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*** CURIES ***

	H 291 ATMOSPHERIC		H 281 LIQUID TO STREAMS		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.1950E+00	1.1813E+00			5.2000E-01	5.1403E-01
1956	1.5530E-01	1.3078E+00			1.0400E+00	1.5303E+00
1957	5.3410E-02	1.3307E+00			1.2740E+00	2.7548E+00
1958	1.7800E-02	1.3180E+00			5.6000E-01	3.2454E+00
1959	7.7000E-02	1.3640E+00			5.0000E-01	3.6656E+00
1960	8.0000E-03	1.3407E+00			1.0000E+00	4.5704E+00
1961	2.5000E-02	1.3348E+00			3.4500E+00	7.8764E+00
1962	2.0000E-02	1.3320E+00			7.7200E+00	1.5328E+01
1963	1.5300E-02	1.3167E+00			8.2300E+00	2.3113E+01
1964	1.5700E-02	1.3022E+00			4.9100E+00	2.7439E+01
1965	7.9000E-03	1.2803E+00			1.7000E+01	4.5677E+01
1966	4.0400E-02	1.2910E+00			1.2920E+01	5.5451E+01
1967	1.2100E-02	1.2734E+00			1.4590E+01	6.8607E+01
1968	3.3300E-02	1.2773E+00			1.0030E+01	7.6955E+01
1969	7.6600E-02	1.3238E+00			6.1200E+00	8.1248E+01
1970	3.1700E-02	1.3249E+00	3.7000E-02	3.6575E-02	2.4300E+00	8.1794E+01
1971	6.8500E-03	1.3014E+00	4.4000E-02	7.9235E-02	3.2400E+00	8.3129E+01
1972	2.3970E-02	1.2954E+00	3.2000E-02	1.0906E-01	5.5800E+00	8.6747E+01
1973	1.8300E-03	1.2676E+00	1.7460E-02	1.2383E-01	2.8000E+00	8.7534E+01
1974	4.0000E-04	1.2391E+00	1.5890E-02	1.3671E-01	2.7900E+00	8.8293E+01
1975	4.7000E-04	1.2113E+00	7.9900E-03	1.4148E-01	6.2250E+00	9.2430E+01
1976	6.1500E-04	1.1842E+00	7.2100E-03	1.4538E-01	8.0610E+00	9.8288E+01
1977	1.3010E-03	1.1585E+00	8.0500E-03	1.5002E-01	5.5460E+00	1.0153E+02
1978	5.3200E-04	1.1325E+00	1.6080E-02	1.6249E-01	9.2020E+00	1.0830E+02
1979	7.4300E-04	1.1074E+00	1.5210E-02	1.7381E-01	5.5570E+00	1.1132E+02
1980	7.0000E-04	1.0828E+00	5.4000E-03	1.7518E-01	1.4410E+00	1.1021E+02
TOTAL	1.8299E+00		2.0629E-01		1.4280E+02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

	H - DESORPTION FROM FOUR MILE CREEK STREAMBED		K LIQUID TO STREAMS		K 65G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955			6.6000E-02	6.5242E-02		
1956			1.4400E-01	2.0610E-01		
1957			3.9000E-01	5.8691E-01		
1958			1.8600E-01	7.5738E-01		
1959			1.1520E+00	1.8789E+00	1.2000E-01	1.1862E-01
1960			5.5000E+00	5.8254E+00	1.6600E-02	1.3430E-01
1961			1.8000E+00	6.9831E+00		1.3123E-01
1962			4.5700E+00	1.1341E+01		1.2824E-01
1963			3.3100E+00	1.4354E+01		1.2531E-01
1964			5.6200E+00	1.9582E+01		1.2245E-01
1965			2.5000E+00	2.1606E+01		1.1965E-01
1966			2.0000E-02	2.1132E+01		1.1692E-01
1967	3.2000E+01	3.1633E+01	4.8000E-01	2.1124E+01		1.1425E-01
1968	2.0000E+00	3.2887E+01	8.0000E-02	2.0721E+01		1.1164E-01
1969	1.9000E+00	3.4014E+01		2.0248E+01		1.0909E-01
1970	5.0000E-01	3.3732E+01		1.9786E+01		1.0660E-01
1971	1.2000E+00	3.4148E+01	4.5100E-03	1.9338E+01		1.0416E-01
1972	1.0000E+00	3.4357E+01	3.0000E-02	1.8926E+01		1.0179E-01
1973	5.0000E-01	3.4066E+01	2.9000E-02	1.8523E+01		9.9461E-02
1974	1.0000E+00	3.4277E+01		1.8100E+01		9.7190E-02
1975	3.0000E-01	3.3791E+01	3.4200E-01	1.8024E+01		9.4971E-02
1976	1.5000E-01	3.3167E+01		1.7613E+01		9.2802E-02
1977	1.7000E-01	3.2578E+01	1.8640E-01	1.7395E+01		9.0683E-02
1978	1.5000E-01	3.1982E+01	2.9220E-06	1.6998E+01		8.8612E-02
1979	1.6200E-01	3.1412E+01	5.9000E-05	1.6609E+01		8.6589E-02
1980	1.2800E-01	3.0821E+01	2.4500E-03	1.6233E+01		8.4611E-02
TOTAL	4.1160E+01		2.4442E-01		1.3860E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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*** CURIES ***

K 904-88G LIQUID TO CONTAINMENT BASIN		L LIQUID TO STREAMS		L 64G LIQUID TO SEEPAGE BASINS	
ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					
1955		1.6800E-01	1.6607E-01		
1956		3.0000E-01	4.5883E-01		
1957		7.1400E-01	1.1542E+00		
1958		6.3600E-01	1.7565E+00	1.8600E-01	1.8386E-01
1959		1.5960E+00	3.2941E+00	2.4000E-02	2.0339E-01
1960		5.2100E+00	8.3690E+00	3.3000E-02	2.3137E-01
1961		9.6000E-01	9.1269E+00	1.2000E-04	2.2620E-01
1962		1.3400E+00	1.0243E+01	1.8000E-04	2.2121E-01
1963		8.9000E-01	1.0889E+01	8.5800E-01	1.0643E+00
1964		7.7400E+00	1.8291E+01	2.0000E-02	1.0598E+00
1965		1.3300E+00	1.9188E+01		1.0356E+00
1966		9.3000E-01	1.9670E+01		1.0119E+00
1967		6.8000E-01	1.9893E+01	4.0000E-03	9.9277E-01
1968	1.0000E-02	2.2000E-01	1.9656E+01		9.7010E-01
1969	2.6700E+00	3.4400E+00	2.2607E+01		9.4795E-01
1970	8.1200E+00	3.1800E+00	2.5235E+01		9.2630E-01
1971	5.8000E-01		2.4658E+01		9.0515E-01
1972	5.4000E-01		2.4095E+01		8.8448E-01
1973	1.3400E-01		2.3545E+01		8.6428E-01
1974	8.1000E-02		2.3007E+01		8.4455E-01
1975	8.4000E-02		2.2482E+01		8.2526E-01
1976	4.2000E-01		2.1969E+01		8.0642E-01
1977	8.2330E-02		2.1467E+01		7.8800E-01
1978	2.9560E-02		2.0977E+01		7.7001E-01
1979	2.1030E-02		2.0498E+01		7.5242E-01
1980	5.3050E-02		2.0030E+01		7.3524E-01
TOTAL	1.2825E+01	2.9334E+01		1.1253E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS	
ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					
1955		1.6800E-01	1.6607E-01		
1956		3.9000E-01	5.4780E-01		
1957		1.1280E+00	1.6503E+00	1.9200E-01	1.8980E-01
1958		5.3400E-01	2.1405E+00	6.0000E-03	1.9139E-01
1959		7.2000E-01	2.8034E+00	1.7940E+01	1.7921E+01
1960		4.8100E+00	7.4941E+00	3.6600E-01	1.7874E+01
1961	1.5780E-01	4.2100E+00	1.1485E+01	1.9860E-01	1.7662E+01
1962	1.2660E-01	1.3680E+01	2.4745E+01	8.9400E-02	1.7347E+01
1963	9.2400E-01	9.0300E+00	3.3107E+01		1.6951E+01
1964	6.0000E-02	4.5600E+01	7.7427E+01	2.0000E-02	1.6583E+01
1965	3.4000E-01	2.9760E+01	1.0508E+02	7.0000E-03	1.6212E+01
1966	5.0000E-03	3.5730E+01	1.3800E+02	1.0000E-03	1.5842E+01
1967	4.0000E-03	4.5090E+01	1.7942E+02		1.5481E+01
1968		4.0850E+01	2.1570E+02	2.8000E-01	1.5404E+01
1969		1.3070E+01	2.2370E+02		1.5052E+01
1970		7.7000E+00	2.2620E+02	3.0000E-02	1.4738E+01
1971	3.0000E-04	1.3400E+00	2.2236E+02		1.4401E+01
1972		1.7000E-01	2.1745E+02		1.4073E+01
1973		1.9000E-01	2.1267E+02		1.3751E+01
1974		7.2000E-02	2.0789E+02		1.3437E+01
1975	2.0000E-03	4.0000E-02	2.0318E+02		1.3130E+01
1976		7.4000E-02	1.9861E+02		1.2831E+01
1977	4.0500E-04	9.3900E-02	1.9417E+02		1.2538E+01
1978	4.3070E-05	1.9900E-02	1.8976E+02	2.4730E-02	1.2276E+01
1979	8.6400E-04		1.8542E+02	7.2570E-03	1.2003E+01
1980			1.8119E+02	1.4850E-02	1.1743E+01
TOTAL	1.6210E+00	2.5447E+02		1.9177E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

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*** CURIES ***

	R LIQUID TO STREAMS		R 60G LIQUID TO SEEPAGE BASINS		CENTRAL SHOPS (FORD BUILDING) LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954	1.8000E-01	1.7793E-01				
1955	1.9200E-01	3.6366E-01				
1956	9.1200E-01	1.2569E+00				
1957	4.6950E+01	4.7639E+01	7.8800E+02	7.7895E+02		
1958	1.6200E+00	4.8153E+01	9.9000E+01	8.5903E+02		
1959	1.6980E+00	4.8731E+01	1.3000E+01	8.5226E+02		
1960	1.6470E+01	6.3900E+01		8.3280E+02		
1961	1.0300E+01	7.2622E+01		8.1378E+02		
1962	1.3160E+01	8.3973E+01	4.8000E-03	7.9520E+02		
1963	8.3440E+01	1.6454E+02	6.0000E-03	7.7705E+02		
1964	4.7140E+01	2.0734E+02	8.1000E-01	7.6011E+02		
1965		2.0264E+02		7.4275E+02		
1966		1.9802E+02		7.2579E+02		
1967		1.9349E+02		7.0921E+02		
1968		1.8908E+02		6.9302E+02		
1969		1.8476E+02		6.7719E+02		
1970		1.8054E+02		6.6173E+02		
1971		1.7642E+02		6.4662E+02		
1972		1.7239E+02		6.3185E+02		
1973		1.6845E+02		6.1742E+02		
1974		1.6460E+02		6.0333E+02		
1975		1.6085E+02		5.8955E+02		
1976		1.5717E+02		5.7609E+02		
1977		1.5358E+02		5.6293E+02		
1978		1.5008E+02		5.5008E+02		
1979		1.4665E+02		5.3751E+02		
1980		1.4330E+02		5.2524E+02		
TOTAL	2.2206E+02		9.0082E+02		3.0000E-06	2.9655E-06
					3.0000E-06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CS-134-137

*** CURIES ***

	D 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974	1.1000E-04	1.0874E-04
1975	2.5290E-03	2.6062E-03
1976	9.8700E-04	3.5224E-03
1977	1.7500E-04	3.6149E-03
1978	1.6400E-04	3.6945E-03
1979	2.7800E-04	3.8849E-03
1980	3.1100E-04	4.1036E-03
TOTAL	4.5540E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

BA-LA-140

*** CURIES ***

	C LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.3000E-01	6.5227E-06	1.0000E-02	5.0175E-07	3.0000E-04	
1972						
1973						
1974						
1975						
1976						
1977						
1978						
1979						
1980						
TOTAL	1.3000E-01		1.0000E-02		3.0000E-04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CE-141

*** CURIES ***

	F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.8300E-03	3.9729E-05	2.0000E-02	4.3419E-04	1.8980E-02	4.1205E-04
1972	4.0000E-04	8.7026E-06	4.0000E-02	8.6859E-04	1.3030E-02	2.8307E-04
1973	4.5000E-04	9.7734E-06		4.0937E-07	3.4000E-03	7.3946E-05
1974	9.3000E-04	2.0195E-05			5.0000E-05	1.1203E-06
1975	1.8500E-04	4.0258E-06	1.0000E-03	2.1710E-05	9.8000E-05	2.1281E-06
1976	1.6500E-04	3.5840E-06			3.2000E-05	6.9571E-07
1977	2.0800E-04	4.5173E-06			1.4200E-04	3.0831E-06
1978	3.4000E-05	1.8257E-06	1.7680E-04	3.8383E-06	4.9000E-05	9.7838E-07
1979	1.6200E-04	3.5178E-06	2.0000E-03	4.3421E-05		
1980	1.1100E-04	2.4114E-06				
TOTAL	4.5250E-03		6.3177E-02		3.5777E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CE-141

*** CURIES ***

H 48G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	3.8000E-01	8.2497E-03
1972	8.8000E-01	1.9108E-02
1973	1.1500E+00	2.4975E-02
1974	1.1000E-01	2.3998E-03
1975	1.5000E-02	3.2678E-04
1976	2.4000E-02	5.2118E-04
1977	1.8000E-02	3.9102E-04
1978	2.6120E-02	5.6724E-04
1979	1.2000E-02	2.6078E-04
1980		1.2291E-07
TOTAL	2.6151E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CE-144

*** CURIES ***

F 291
ATMOSPHERIC

F 47G
LIQUID TO SEEPAGE BASINS

H 291
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.7310E-02	1.1087E-02	1.5600E+00	9.9919E-01	1.1530E-01	7.3850E-02
1972	4.1500E-03	7.2065E-03	3.5000E-01	6.3409E-01	3.2500E-01	2.3846E-01
1973	8.9000E-03	8.6569E-03	3.1000E-01	4.5869E-01	3.0060E-02	1.1708E-01
1974	1.7570E-02	1.4805E-02	1.9000E-01	3.0987E-01	4.3000E-03	5.0786E-02
1975	8.4320E-03	1.1474E-02	1.8900E-01	2.4818E-01	7.6980E-03	2.5765E-02
1976	6.5560E-03	8.9065E-03	9.0000E-03	1.0758E-01	4.7850E-03	1.3635E-02
1977	4.7580E-03	6.7014E-03	3.7000E-02	6.7832E-02	1.0070E-02	1.2044E-02
1978	1.0290E-02	9.3400E-03	4.8030E-02	5.8591E-02	3.8760E-03	7.4234E-03
1979	1.5370E-02	1.3676E-02	2.2900E-01	1.7071E-01	2.3650E-03	4.5602E-03
1980	1.1480E-02	1.2964E-02	1.5000E-02	7.9641E-02	4.0570E-03	4.4693E-03
TOTAL	1.0482E-01		2.9370E+00		5.0751E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CE-144

*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	1.5400E+00	9.8638E-01
1972	1.3900E+00	1.2950E+00
1973	3.3900E+00	2.7026E+00
1974	1.9100E+00	2.3321E+00
1975	1.2560E+00	1.7612E+00
1976	4.6700E-01	1.0216E+00
1977	2.6900E-01	5.9142E-01
1978	2.1120E+00	1.5954E+00
1979	2.4520E+01	1.6360E+01
1980	3.6700E-01	6.9465E+00
TOTAL	3.7221E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CE-141-144

*** CURIES ***

	C LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	2.4310E+00	1.5571E+00
1972	1.0000E-02	6.4518E-01
1973	4.2000E-02	2.9158E-01
1974	1.3000E-01	2.0289E-01
1975	3.0000E-03	8.5155E-02
1976	7.0000E-03	3.9418E-02
1977	1.2800E-04	1.6253E-02
1978	2.1450E-04	6.8051E-03
1979		2.7918E-03
1980		1.1453E-03
TOTAL	2.6233E+00	

	C 66G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978	9.0450E-04	5.7934E-04
1979	1.0300E-04	3.0364E-04
1980	1.1770E-02	7.6633E-03
TOTAL	1.2777E-02	

	D 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	2.8000E-02	1.7934E-02
1972	3.2000E-02	2.7854E-02
1973	3.0940E-02	3.1244E-02
1974		1.2818E-02
1975		5.2584E-03
1976		2.1572E-03
1977		8.8499E-04
1978		3.6306E-04
1979		1.4895E-04
1980		6.1104E-05
TOTAL	9.0940E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CE-141-144

*** CURIES ***

	K LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	9.2000E-04	5.8926E-04	8.0000E-02	5.1240E-02	4.0000E-03	2.5620E-03
1972		2.4174E-04	2.1000E-01	1.5553E-01	9.0000E-02	5.8496E-02
1973	9.0000E-03	5.8637E-03	1.8300E-01	1.8102E-01		2.4080E-02
1974		2.4056E-03	2.4400E-01	2.3054E-01		9.8787E-03
1975	2.3000E-02	1.5718E-02	4.0000E-03	9.7142E-02	1.0000E-03	4.6932E-03
1976		6.4484E-03	6.9000E-02	8.4047E-02		1.9254E-03
1977	1.4320E-01	9.4366E-02	5.7840E-02	7.1526E-02	2.3200E-04	9.3846E-04
1978		3.8713E-02	4.5540E-02	5.8512E-02		3.8500E-04
1979		1.5882E-02	2.8280E-02	4.2118E-02		1.5794E-04
1980		6.5154E-03	1.4770E-02	2.6739E-02		6.4796E-05
TOTAL	1.7612E-01		9.3643E-01		9.5232E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971	8.5000E-04	5.4441E-04		
1972		2.2335E-04		
1973	6.5000E-02	4.1724E-02		
1974	2.3000E-02	3.1849E-02		
1975	1.3000E-02	2.1392E-02		
1976	2.0000E-03	1.0057E-02		
1977	5.8700E-04	4.5019E-03		
1978	7.4710E-04	2.3254E-03	6.9890E-04	4.4765E-04
1979		9.5398E-04	6.6600E-04	6.1022E-04
1980		3.9137E-04	1.0540E-02	7.0013E-03
TOTAL	1.0518E-01		1.1905E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
PM-147

*** CURIES ***

	C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS		D 400 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	2.6000E-02	2.2785E-02				
1956	2.4000E-02	3.8530E-02				
1957	4.4000E-02	6.8149E-02				
1958	8.2000E-02	1.2420E-01				
1959	9.2400E-01	9.0512E-01	2.9400E-01	2.5764E-01		
1960	5.2000E-01	1.1508E+00	1.2700E-01	3.0916E-01		
1961	1.1000E+00	1.8478E+00	6.0000E-02	2.7248E-01		
1962	1.5500E+00	2.7774E+00	7.8000E-03	2.1609E-01		
1963	6.2000E-01	2.6763E+00	9.8000E-02	2.5183E-01		
1964	1.8000E-01	2.2130E+00	2.0000E-01	3.6867E-01		
1965	2.5400E+00	3.9255E+00		2.8313E-01		
1966	1.4900E+00	4.3204E+00		2.1744E-01		
1967	3.3900E+00	6.2887E+00		1.6698E-01		
1968	5.4600E+00	9.6144E+00		1.2824E-01		
1969	4.1100E+00	1.0985E+01		9.8485E-02		
1970	1.2800E+00	9.5582E+00		7.5634E-02		
1971	7.5000E-01	7.9977E+00		5.8085E-02		
1972		6.1420E+00		4.4607E-02		
1973	5.2000E-02	4.7625E+00		3.4257E-02		
1974	2.8000E-02	3.6820E+00		2.6309E-02	7.2000E-04	6.3097E-04
1975	1.6000E-02	2.8417E+00		2.0204E-02		4.8456E-04
1976	3.3000E-02	2.2113E+00		1.5516E-02		3.7213E-04
1977	2.3770E-03	1.7003E+00		1.1916E-02		2.8579E-04
1978	8.3830E-04	1.3065E+00	2.7470E-04	9.3921E-03		2.1948E-04
1979		1.0034E+00	1.2060E-03	8.2697E-03		1.6855E-04
1980		7.7055E-01	4.4500E-04	6.7409E-03		1.2944E-04
TOTAL	2.4222E+01		7.6873E-01		7.2000E-04	9.9410E-05

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
PM-147

*** CURIES ***

	F 47G LIQUID TO SEEPAGE BASINS		H 48G LIQUID TO SEEPAGE BASINS		K LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	7.0000E-01	6.1344E-01	6.8000E-01	5.9591E-01	2.2000E-02	1.9280E-02
1956	2.2000E+00	2.3991E+00	1.3600E+00	1.6495E+00	4.8000E-02	5.6871E-02
1957	1.2500E+00	2.9378E+00	1.2000E+00	2.3184E+00	1.3000E-01	1.5760E-01
1958	1.6300E+00	3.6846E+00	1.5440E+00	3.1335E+00	6.2000E-02	1.7537E-01
1959	6.8240E+00	8.8098E+00	6.7560E+00	8.3270E+00	3.8400E-01	4.7119E-01
1960	1.9740E+01	2.4065E+01	1.2920E+00	7.5272E+00	2.7200E+00	2.7455E+00
1961	5.1320E+00	2.2978E+01	1.2770E+00	6.8997E+00	1.0500E+00	3.0286E+00
1962	1.1410E+01	2.7646E+01	2.6930E+00	7.6588E+00	1.7900E+00	3.8946E+00
1963	9.8760E+00	2.9886E+01	3.9880E+00	9.3766E+00	6.7000E-01	3.5781E+00
1964	2.8680E+01	4.8085E+01	2.3030E+00	9.2192E+00	1.4000E-01	2.8705E+00
1965	1.0560E+01	4.5182E+01	2.5700E+00	9.3323E+00	3.0100E+00	4.8423E+00
1966	3.3500E+00	3.8402E+01	1.5500E+00	8.5253E+00	1.2300E+00	4.7966E+00
1967	1.4200E+00	3.0736E+01	9.7000E-01	7.3972E+00	5.1400E+00	8.1881E+00
1968	2.5400E+00	2.5831E+01	4.5400E+00	9.6595E+00	2.7000E+00	8.6544E+00
1969	2.7500E+00	2.2247E+01	3.8100E+00	1.0757E+01	2.1600E+00	8.5392E+00
1970	2.4600E+00	1.9241E+01	1.1300E+00	9.2514E+00	6.8000E-01	7.1538E+00
1971	1.1500E+00	1.5784E+01	1.0300E+00	8.0075E+00	3.0000E-02	5.5202E+00
1972	5.0000E-01	1.2560E+01	1.3000E+00	7.2888E+00	2.0000E-02	4.2569E+00
1973	5.9000E-01	1.0163E+01	1.4300E+00	6.8507E+00	4.0000E-03	3.2727E+00
1974	3.6000E-01	8.1203E+00	7.6000E-01	5.9272E+00		2.5133E+00
1975	1.8600E-01	6.3992E+00	1.1380E+00	5.5492E+00	1.4000E-02	1.9424E+00
1976	2.7100E-01	5.1519E+00	5.0700E-01	4.7060E+00	3.6000E-02	1.5233E+00
1977	1.3100E-01	4.0713E+00	1.5300E-01	3.7481E+00	2.2000E-02	1.1891E+00
1978	7.3000E-02	3.1906E+00	4.7300E-01	3.2930E+00		9.1322E-01
1979	6.6000E-02	2.5082E+00	2.2100E-01	2.7226E+00		7.0133E-01
1980	8.7000E-02	2.0024E+00	3.4000E-02	2.1207E+00		5.3860E-01
TOTAL	1.1394E+02		4.4709E+01		2.2062E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
PM-147

*** CURIES ***

	K 65G LIQUID TO SEEPAGE BASINS		K 904-88G LIQUID TO CONTAINMENT BASIN		L LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					5.6000E-02	4.9075E-02
1955					1.0000E-01	1.2532E-01
1956					2.3800E-01	3.0481E-01
1957					2.1200E-01	4.1987E-01
1958					5.3200E-01	7.8866E-01
1959	4.0000E-02	3.5054E-02			2.5700E+00	2.8579E+00
1960	6.2000E-03	3.2354E-02			1.5100E+00	3.5180E+00
1961		2.4847E-02			1.3000E+00	3.8410E+00
1962		1.9082E-02			2.7000E-01	3.1864E+00
1963		1.4654E-02			1.1900E+00	3.4899E+00
1964		1.1254E-02			4.6300E+00	6.7376E+00
1965		8.6428E-03			4.6500E+00	9.2493E+00
1966		6.6374E-03			5.5700E+00	1.1984E+01
1967		5.0974E-03			1.6300E+00	1.0632E+01
1968		3.9146E-03			1.4000E-01	8.2879E+00
1969		3.0063E-03			3.1000E-01	6.6366E+00
1970		2.3088E-03				5.0967E+00
1971		1.7731E-03				3.9141E+00
1972		1.3617E-03	1.0000E-01	8.7634E-02		3.0059E+00
1973		1.0457E-03	2.9000E-02	9.2714E-02		2.3085E+00
1974		8.0310E-04	3.0000E-02	9.7492E-02		1.7729E+00
1975		6.1676E-04	3.1000E-02	1.0204E-01		1.3615E+00
1976		4.7365E-04	6.5000E-02	1.3532E-01		1.0456E+00
1977		3.6375E-04	1.0800E-02	1.1339E-01		8.0299E-01
1978		2.7935E-04	7.4220E-03	9.3585E-02		6.1668E-01
1979		2.1454E-04	1.5010E-03	7.3186E-02		4.7359E-01
1980		1.6476E-04	1.3020E-03	5.7346E-02		
TOTAL	4.6200E-02		2.7602E-01		2.4908E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

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PM-147

*** CURIES ***

	L 64G LIQUID TO SEEPAGE BASINS		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					5.6000E-02	4.9075E-02
1955					1.3000E-01	1.5161E-01
1956					3.7600E-01	4.4594E-01
1957					1.7800E-01	4.9846E-01
1958	6.2000E-02	5.4333E-02			2.4000E-01	5.9312E-01
1959	8.0000E-03	4.8737E-02			1.0100E+00	1.3406E+00
1960	1.1000E-02	4.7069E-02			8.2000E-01	1.7481E+00
1961	4.0000E-05	3.6182E-02	5.2600E-02	4.6096E-02	6.0300E+00	6.6269E+00
1962	6.0000E-05	2.7840E-02	4.2200E-02	7.2382E-02	1.1300E+00	6.0798E+00
1963	2.8600E-01	2.7201E-01	3.0800E-01	3.2550E-01	7.5000E-01	5.3262E+00
1964	1.0000E-02	2.1764E-01	1.5000E+00	1.8346E+00	1.9000E+00	5.7554E+00
1965		1.6716E-01		1.2553E+00	1.0900E+00	5.3752E+00
1966		1.2837E-01		9.6406E-01	1.8300E+00	5.7317E+00
1967		9.8588E-02		7.4037E-01	1.6900E+00	5.8828E+00
1968		7.5713E-02		5.6858E-01	8.1500E+00	1.1660E+01
1969		5.8145E-02		4.3666E-01	2.2300E+00	1.0909E+01
1970		4.4654E-02		3.3534E-01	4.2000E-01	8.7458E+00
1971		3.4203E-02		2.5753E-01	5.0000E-02	6.7603E+00
1972		2.6334E-02		1.9778E-01	1.2000E-02	5.2023E+00
1973		2.0226E-02		1.5189E-01	2.5000E-02	4.0171E+00
1974		1.5533E-02		1.1665E-01	4.0000E-03	3.0885E+00
1975		1.1929E-02		8.9581E-02	2.5000E-02	2.3933E+00
1976		9.1609E-03		6.8796E-02	4.6390E-03	1.8425E+00
1977		7.0353E-03	3.2000E-05	5.2862E-02	2.3350E-03	1.4170E+00
1978		5.4029E-03		4.0596E-02		1.0882E+00
1979		4.1493E-03		3.1177E-02		8.3572E-01
1980		3.1866E-03		2.3943E-02		
TOTAL	3.7710E-01		1.9828E+00		2.8153E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
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*** CURIES ***

	P 61G LIQUID TO SEEPAGE BASINS		R LIQUID TO STREAMS		R 60G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			6.0000E-02	5.2580E-02		
1955			6.4000E-02	5.6466E-02		
1956			3.0400E-01	3.4049E-01		
1957	6.4000E-02	5.6086E-02	8.5160E-01	1.0078E+00	2.3000E+00	2.0156E+00
1958	2.0000E-03	4.4825E-02	5.4000E-01	1.2472E+00	8.4400E-01	2.2875E+00
1959	1.1400E-01	1.3433E-01	5.6600E-01	1.4538E+00	1.8000E-02	1.7725E+00
1960	1.2200E-01	2.1007E-01	9.7000E-01	1.9665E+00		1.3613E+00
1961	6.6200E-02	2.1934E-01	1.8500E+00	3.1315E+00		1.0454E+00
1962	2.9800E-02	1.9457E-01	2.0200E+00	4.1751E+00	1.6000E-03	8.0426E-01
1963	6.0000E-02	2.0200E-01	2.3800E+00	5.2921E+00	2.0000E-03	6.1940E-01
1964	8.8000E-01	9.2631E-01	8.5000E-01	4.8090E+00	2.7200E-02	4.9952E-01
1965		7.1138E-01		3.6932E+00		3.8362E-01
1966		5.4632E-01		2.8363E+00		2.9461E-01
1967		4.1956E-01		2.1782E+00		2.2625E-01
1968		3.2221E-01		1.6728E+00		1.7375E-01
1969		2.4745E-01		1.2847E+00		1.3344E-01
1970		1.9004E-01		9.8659E-01		1.0248E-01
1971		1.4594E-01		7.5767E-01		7.8700E-02
1972		1.1208E-01		5.8187E-01		6.0440E-02
1973		8.6074E-02		4.4686E-01		4.6416E-02
1974		6.6103E-02		3.4318E-01		3.5646E-02
1975		5.0765E-02		2.6355E-01		2.7375E-02
1976		3.8986E-02		2.0240E-01		2.1024E-02
1977		2.9940E-02		1.5544E-01		1.6146E-02
1978	1.2510E-03	2.4090E-02		1.1937E-01		1.2399E-02
1979	1.0760E-03	1.9443E-02		9.1675E-02		9.5224E-03
1980		1.4932E-02		7.0404E-02		7.3129E-03
TOTAL	1.3403E+00		1.0456E+01		3.1928E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
U-NAT

*** CURIES ***

	A 776 LIQUID TO SEEPAGE BASINS		F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			1.1700E-01	1.1700E-01	1.3740E-01	1.3740E-01
1955			1.1200E-01	2.2900E-01	5.3940E-01	6.7680E-01
1956			2.0000E-03	2.3100E-01	4.9380E-01	1.1706E+00
1957			1.0000E-03	2.3200E-01	4.3600E-01	1.6066E+00
1958			7.0000E-03	2.3900E-01	5.9200E-01	2.1986E+00
1959			1.9680E-02	2.5868E-01	8.1120E-01	3.0098E+00
1960			9.0000E-03	2.6768E-01	2.5140E-01	3.2612E+00
1961			7.8400E-03	2.7552E-01	5.7420E-01	3.8354E+00
1962			2.5740E-02	3.0126E-01	6.5830E-01	4.4937E+00
1963			4.2180E-02	3.4344E-01	1.7160E+00	6.2097E+00
1964			5.1100E-02	3.9454E-01	5.8820E-01	6.7979E+00
1965			1.9450E-02	4.1399E-01	4.9020E-01	7.2881E+00
1966			1.8280E-02	4.3227E-01	1.7630E-01	7.4644E+00
1967			9.5120E-03	4.4178E-01	2.5100E-01	7.7154E+00
1968			3.6200E-02	4.7798E-01	9.7290E-01	8.6883E+00
1969			1.3790E-02	4.9177E-01	1.3800E+00	1.0068E+01
1970			2.7200E-03	4.9449E-01	2.2000E-01	1.0228E+01
1971			5.1900E-03	4.9968E-01	2.3000E-01	1.0518E+01
1972			3.5800E-03	5.0326E-01	1.5780E-01	1.0676E+01
1973	5.6000E-03	5.6000E-03	8.6100E-03	5.1187E-01	9.7800E-02	1.0774E+01
1974	5.4000E-04	6.1400E-03	6.6940E-03	5.1657E-01	1.1510E-01	1.0889E+01
1975	1.0780E-03	7.2180E-03	4.8700E-03	5.2144E-01	2.3900E-01	1.1128E+01
1976	2.1100E-03	9.3280E-03	1.2310E-03	5.2267E-01	9.9000E-02	1.1227E+01
1977	1.6900E-03	1.1018E-02	2.5380E-03	5.2520E-01	1.1400E-01	1.1361E+01
1978	1.5700E-03	1.2588E-02	2.0500E-03	5.2725E-01	1.0700E-01	1.1448E+01
1979	1.3070E-03	1.3895E-02	3.4180E-03	5.3067E-01	1.8200E-01	1.1630E+01
1980	1.7440E-03	1.5639E-02				
TOTAL	1.5639E-02		5.3067E-01		1.1630E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
U-NAT

*** CURIES ***

	H 291 ATMOSPHERIC		H 486 LIQUID TO SEEPAGE BASINS		M 300 LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955	1.8900E-01	1.8900E-01	2.8500E-02	2.8500E-02		
1956	7.0000E-03	1.9600E-01	1.8050E-01	2.0900E-01		
1957	2.5000E-04	1.9625E-01	2.8380E-01	4.9280E-01		
1958	6.0000E-04	1.9685E-01	7.6000E-02	5.6880E-01		
1959	1.5000E-04	1.9700E-01	1.0400E-01	6.7280E-01		
1960	3.0000E-04	1.9730E-01	2.4300E-02	6.9710E-01		
1961	1.2000E-03	1.9850E-01	1.1450E-01	8.1160E-01		
1962	1.0200E-03	1.9952E-01	8.4000E-02	8.9560E-01		
1963	5.7600E-03	2.0528E-01	4.7020E-02	9.4262E-01		
1964	1.3360E-02	2.1864E-01	1.0940E-01	1.0520E+00		
1965	7.0000E-04	2.1934E-01	7.2300E-02	1.1243E+00		
1966	1.1450E-03	2.2048E-01	2.2400E-02	1.1467E+00		
1967	8.7500E-04	2.2136E-01	1.4430E-02	1.1611E+00		
1968	1.7170E-02	2.3853E-01	7.7990E-02	1.2391E+00		
1969	3.2470E-02	2.7100E-01	2.7070E-02	1.2662E+00		
1970	2.8500E-03	2.7385E-01	3.0000E-02	1.2962E+00		
1971	2.4500E-03	2.7630E-01	2.0000E-02	1.3162E+00		
1972	2.5400E-03	2.7824E-01		1.3162E+00		
1973	1.5300E-03	2.8037E-01	1.5900E-02	1.3321E+00		
1974	6.0000E-05	2.8043E-01	5.3000E-03	1.3374E+00	2.2200E-03	2.2200E-03
1975	3.0000E-05	2.8046E-01	7.0000E-04	1.3381E+00	1.8860E-02	2.1080E-02
1976	1.0000E-04	2.8056E-01	1.2000E-02	1.3501E+00	8.8500E-03	2.9930E-02
1977	3.2000E-04	2.8088E-01	3.0000E-03	1.3531E+00	1.4330E-02	4.4260E-02
1978	5.2100E-04	2.8140E-01	8.0000E-03	1.3611E+00	5.8330E-02	1.0259E-01
1979	3.8600E-04	2.8179E-01	8.0000E-03	1.3691E+00	6.0450E-02	1.6304E-01
1980	5.9600E-04	2.8238E-01	9.0000E-03	1.3781E+00	9.6980E-02	2.6002E-01
TOTAL	2.8238E-01		1.3781E+00		2.6002E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
U-NAT

*** CURIES ***

	M 300 ATMOSPHERIC		M 313 LIQUID TO STREAMS		CMX-TNX LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955			7.0000E-02	7.0000E-02		
1956			5.2000E-01	5.9000E-01		
1957			1.0500E-01	6.9500E-01		
1958			3.6000E-02	7.3100E-01		
1959			3.9000E-02	7.7000E-01		
1960			1.1000E-01	8.8000E-01		
1961			1.1000E-01	9.9000E-01		
1962			5.3000E-01	1.5200E+00		
1963			1.9530E+00	3.4730E+00		
1964			4.2600E-01	3.9690E+00		
1965			9.0000E-01	4.8690E+00		
1966			4.4390E+00	9.3080E+00		
1967			6.4230E+00	1.5731E+01		
1968			4.2140E+00	1.8945E+01	2.3140E-01	2.3140E-01
1969			1.2620E+00	2.1207E+01	1.0740E-01	3.3880E-01
1970			6.8200E-01	2.1889E+01		3.3880E-01
1971			3.4400E-01	2.2237E+01		3.3880E-01
1972			3.9000E-01	2.2627E+01		3.3880E-01
1973			2.1900E-01	2.2846E+01		3.3880E-01
1974			3.4900E-01	2.3195E+01		3.3880E-01
1975	3.3590E-06	3.3590E-06	4.4100E-01	2.3636E+01		3.3880E-01
1976	2.4490E-06	5.8080E-06	3.6300E-01	2.3999E+01		3.3880E-01
1977	1.8320E-05	2.4128E-05	8.4380E-02	2.4083E+01		3.3880E-01
1978	2.2710E-06	2.6399E-05	5.5930E-02	2.4139E+01	4.8400E-05	3.3885E-01
1979	2.2460E-06	2.8645E-05	6.4000E-02	2.4203E+01	1.3700E-05	3.3886E-01
1980	8.8000E-08	2.8733E-05	1.8980E-01	2.4393E+01	1.0000E-05	3.3887E-01
TOTAL	2.8733E-05		2.4393E+01		3.3887E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
TH-232

*** CURIES ***

	CMX-TNX LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968	1.6670E-01	1.6670E-01
1969		1.6670E-01
1970		1.6670E-01
1971		1.6670E-01
1972		1.6670E-01
1973		1.6670E-01
1974		1.6670E-01
1975		1.6670E-01
1976		1.6670E-01
1977		1.6670E-01
1978		1.6670E-01
1979		1.6670E-01
1980		1.6670E-01
TOTAL	1.6670E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
PU-238

*** CURIES ***

	A 776 LIQUID TO SEEPAGE BASINS		F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968			3.5700E-04	3.5557E-04	1.2440E-01	1.2390E-01
1969				3.5273E-04	2.2670E-01	3.4871E-01
1970			5.9000E-04	9.3755E-04	4.5780E-01	8.0189E-01
1971			1.5700E-03	2.4938E-03	2.9500E-01	1.0893E+00
1972			6.8000E-04	3.1511E-03	1.1000E-01	1.1902E+00
1973			5.4000E-04	3.6638E-03	3.1000E-02	1.2902E+00
1974			6.4000E-04	4.2720E-03	3.1000E-02	1.3108E+00
1975			1.0000E-05	4.2478E-03	2.1300E-02	1.3215E+00
1976			1.4800E-03	5.6879E-03	2.9600E-02	1.3404E+00
1977	4.4860E-05	4.4680E-05	2.8400E-04	5.9254E-03	7.0000E-03	1.3367E+00
1978	1.9920E-05	6.4164E-05	1.6600E-04	6.0434E-03	1.6000E-02	1.3420E+00
1979	8.2760E-05	1.4608E-04	4.2600E-04	6.4194E-03	2.0000E-03	1.3332E+00
1980	1.1000E-04	2.5447E-04	2.1700E-04	6.5842E-03	7.0000E-03	1.3296E+00
TOTAL	2.5754E-04		6.9600E-03		4.0000E-03	1.3229E+00

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

PU-238

*** CURIES ***

	H 291 ATMOSPHERIC		H 281 LIQUID TO STREAMS		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967	2.6000E-04	2.5896E-04			1.8370E-02	1.8296E-02
1968	6.4300E-04	8.9732E-04			2.9030E-01	3.0729E-01
1969	5.5850E-01	5.5716E-01			6.3610E-01	9.3839E-01
1970	2.0190E-02	5.7281E-01			2.5500E-01	1.1849E+00
1971	1.9880E-02	5.8804E-01	3.0100E-02	2.9980E-02	2.2300E-01	1.3975E+00
1972	1.5910E-02	5.9919E-01	5.0360E-02	7.9698E-02	2.9000E-01	1.6752E+00
1973	2.1530E-02	6.1585E-01	2.2280E-02	1.0145E-01	1.6110E-01	1.8223E+00
1974	4.1000E-03	6.1501E-01		1.0064E-01	7.6000E-02	1.8834E+00
1975	1.9640E-03	6.1205E-01		9.9837E-02	1.2410E-01	1.9920E+00
1976	1.4740E-02	6.2184E-01		9.9039E-02	8.1000E-02	2.0567E+00
1977	4.7370E-03	6.2160E-01		9.8248E-02	5.0000E-02	2.0901E+00
1978	6.7740E-03	6.2338E-01		9.7463E-02	6.2000E-02	2.1351E+00
1979	9.4600E-04	6.1934E-01		9.6685E-02	2.8000E-02	2.1460E+00
1980	2.5460E-03	6.1693E-01		9.5912E-02	9.0000E-03	2.1378E+00
TOTAL	6.7272E-01		1.0274E-01		2.3040E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

HF-239

*** CURIES ***

	C LIQUID TO STREAMS		K 904-88G LIQUID TO CONTAINMENT BASIN		P LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971	1.0000E+00					
1972	3.0000E-02					
1973	1.0000E-03		1.0000E-03		1.0000E-02	
1974	8.0000E-03		1.0000E-03			
1975	8.0000E-03					
1976			1.0000E-03			
1977						
1978						
1979						
1980						
TOTAL	1.6770E+00		3.0000E-03		1.0000E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

PU-239

*** CURIES ***

	A 773 ATMOSPHERIC		A 776 LIQUID TO SEEPAGE BASINS		F 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					2.2210E+00	2.2210E+00
1955					2.8000E-02	2.2489E+00
1956					3.8000E-02	2.2868E+00
1957					1.9000E-02	2.3058E+00
1958					2.1000E-02	2.3267E+00
1959					7.0320E-02	2.3970E+00
1960					9.0000E-03	2.4059E+00
1961					6.1600E-03	2.4120E+00
1962					2.8600E-03	2.4148E+00
1963					2.2200E-03	2.4169E+00
1964					3.3000E-03	2.4201E+00
1965					2.4000E-03	2.4225E+00
1966					2.7310E-03	2.4251E+00
1967					2.0210E-03	2.4271E+00
1968					1.9050E-03	2.4289E+00
1969					3.3300E-03	2.4322E+00
1970	3.1000E-04	3.1000E-04			1.8800E-03	2.4340E+00
1971	1.6000E-04	4.6998E-04			5.8000E-04	2.4345E+00
1972		4.6997E-04			1.5000E-04	2.4346E+00
1973		4.6996E-04			1.2800E-03	2.4358E+00
1974		4.6994E-04	5.4000E-04	5.3999E-04	1.2000E-04	2.4358E+00
1975		4.6993E-04	1.0780E-03	1.6180E-03	1.0000E-04	2.4359E+00
1976		4.6992E-04	3.1000E-05	1.6489E-03	1.0400E-04	2.4359E+00
1977		4.6990E-04	1.2410E-05	1.6613E-03	2.2600E-04	2.4361E+00
1978		4.6989E-04	9.2370E-05	1.7536E-03	2.4500E-04	2.4362E+00
1979		4.6988E-04	8.2170E-05	1.8357E-03	3.9800E-04	2.4366E+00
1980		4.6986E-04	1.0200E-04	1.9377E-03		
TOTAL	4.7000E-04		1.9380E-03		2.4383E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

PU-239

*** CURIES ***

	F 476 LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					4.6500E-02	4.6499E-02
1955	6.7600E-02	6.7599E-02	4.4100E-01	4.4099E-01	2.9450E-01	3.4099E-01
1956	2.6560E-01	3.3319E-01	3.0000E-03	4.4398E-01	3.6200E-02	3.7718E-01
1957	7.6200E-02	4.0938E-01	4.7500E-03	4.4872E-01	1.2600E-01	5.0317E-01
1958	3.6400E-01	7.7337E-01	1.9000E-03	4.5061E-01	1.2800E-01	6.3115E-01
1959	4.3400E-01	1.1773E+00	2.8500E-03	4.5344E-01	5.6700E-02	6.8784E-01
1960	2.0280E-01	1.3801E+00	7.0000E-04	4.5413E-01	1.1450E-01	8.0231E-01
1961	1.6760E-01	1.5477E+00	2.8000E-03	4.5692E-01	3.1600E-01	1.1183E+00
1962	2.8280E-01	1.8304E+00	4.9800E-03	4.6188E-01	9.1280E-02	1.2095E+00
1963	2.8210E-01	2.1125E+00	6.4000E-04	4.6251E-01	7.2960E-02	1.2825E+00
1964	9.0300E-02	2.2027E+00	3.3400E-03	4.6534E-01	2.8940E-01	1.5718E+00
1965	3.1680E-01	2.5194E+00	1.3200E-02	4.7902E-01	2.8500E-02	1.6003E+00
1966	6.2390E-01	3.1432E+00	7.6650E-03	4.8668E-01	3.2800E-02	1.6330E+00
1967	7.3630E-01	3.8794E+00	7.6130E-03	4.9427E-01	6.5000E-02	1.6980E+00
1968	3.3200E-01	4.2113E+00	3.6470E-03	4.9791E-01	1.3530E-02	1.7115E+00
1969	4.7690E-01	4.6881E+00	5.8440E-02	5.5633E-01	5.4000E-02	1.7654E+00
1970	2.9500E-01	4.9830E+00	5.5500E-03	5.6187E-01	2.7000E-02	1.7924E+00
1971	1.8000E-01	5.1628E+00	6.3100E-03	5.6816E-01	3.0000E-02	1.8223E+00
1972	2.1000E-01	5.3727E+00	3.2100E-03	5.7135E-01	3.5900E-02	1.8581E+00
1973	5.7700E-02	5.4302E+00	1.3000E-03	5.7264E-01	4.0700E-02	1.8988E+00
1974	3.6500E-02	5.4666E+00	1.6600E-03	5.7428E-01	1.4200E-02	1.9129E+00
1975	1.6360E-02	5.4827E+00	4.0000E-04	5.7466E-01	3.0000E-03	1.9159E+00
1976	7.0000E-03	5.4895E+00	1.4000E-04	5.7477E-01	2.0000E-03	1.9178E+00
1977	1.2000E-02	5.5014E+00		5.7476E-01	1.0000E-02	1.9278E+00
1978	7.0000E-03	5.5082E+00		5.7489E-01		1.9277E+00
1979	1.6000E-02	5.5241E+00	1.5400E-04	5.7571E-01	6.0000E-03	1.9337E+00
1980	1.0000E-02	5.5339E+00	8.3700E-04			
TOTAL	5.5364E+00		5.7609E-01		1.9347E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

PU-239

*** CURIES ***

R 60G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957	3.0000E-01	3.0000E-01
1958		2.9999E-01
1959		2.9998E-01
1960		2.9997E-01
1961		2.9996E-01
1962		2.9995E-01
1963		2.9994E-01
1964		2.9994E-01
1965		2.9993E-01
1966		2.9992E-01
1967		2.9991E-01
1968		2.9990E-01
1969		2.9989E-01
1970		2.9988E-01
1971		2.9988E-01
1972		2.9987E-01
1973		2.9986E-01
1974		2.9985E-01
1975		2.9984E-01
1976		2.9983E-01
1977		2.9983E-01
1978		2.9982E-01
1979		2.9981E-01
1980		2.9980E-01
TOTAL	3.0000E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

AM-241

*** CURIES ***

A 776
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978	5.8250E-05	5.8206E-05
1979		5.8113E-05
1980		
TOTAL	5.8250E-05	

F 291
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977	1.4750E-04	1.4739E-04
1978	1.1640E-03	1.3103E-03
1979	2.8400E-04	1.5921E-03
1980	1.0390E-03	2.6279E-03
TOTAL	2.6345E-03	

F 47G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973		
1974		
1975		
1976		
1977		
1978	2.0000E-03	1.9985E-03
1979	2.1000E-02	2.2980E-02
1980	4.6500E-02	6.9410E-02
TOTAL	8.9500E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

AM-241

*** CURIES ***

	H 291 ATMOSPHERIC		H 48G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960				
1961				
1962				
1963				
1964				
1965				
1966				
1967				
1968				
1969				
1970				
1971				
1972				
1973				
1974				
1975				
1976				
1977	1.9100E-04	1.9086E-04	1.0000E-02	9.9925E-03
1978	6.5500E-05	2.5602E-04	6.0000E-03	1.5973E-02
1979	7.1000E-05	3.2658E-04	1.5000E-03	1.7448E-02
1980	3.4000E-05	3.6006E-04	3.0000E-03	2.0419E-02
TOTAL	3.6150E-04		2.0500E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE

CM-242

*** CURIES ***

	A 773 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971	2.3400E-03	1.0770E-03
1972		2.2813E-04
1973		4.8323E-05
1974		1.0236E-05
1975		2.1682E-06
1976		4.5928E-07
1977		
1978		
1979		
1980		
TOTAL	2.3400E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CM-244

*** CURIES ***

	A 773 LIQUID TO STREAMS		A 773 ATMOSPHERIC		A 776 LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964			3.1700E-02	3.1093E-02		
1965				2.9912E-02		
1966				2.8777E-02		
1967				2.7684E-02		
1968				2.6633E-02		
1969	3.0000E-02	2.9425E-02	2.1130E-02	4.6347E-02		
1970		2.8308E-02	4.1000E-04	4.4990E-02		
1971	3.2420E-01	3.4522E-01		4.3282E-02		
1972	2.7880E-02	3.5946E-01	9.0000E-05	4.1728E-02		
1973	3.6400E-03	3.4939E-01		4.0144E-02		
1974		3.3612E-01		3.8620E-02		
1975		3.2336E-01		3.7154E-02		
1976		3.1109E-01		3.5743E-02		
1977		2.9928E-01		3.4386E-02		
1978		2.8792E-01		3.3081E-02	5.8250E-05	5.7134E-05
1979		2.7699E-01		3.1825E-02		
1980		2.6647E-01		3.0617E-02		5.4965E-05
TOTAL	3.8572E-01		5.3330E-02		5.8250E-05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CM-244

*** CURIES ***

	F 291 ATMOSPHERIC		F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967					3.0000E-02	2.9425E-02
1968						2.8308E-02
1969						2.7211E-02
1970	5.0000E-04	4.9042E-04				2.6200E-02
1971	7.0000E-04	1.1584E-03				2.5205E-02
1972	1.1000E-04	1.2223E-03				2.4435E-02
1973	3.4000E-04	1.5094E-03	7.7700E-02	7.6211E-02	1.9000E-04	2.3527E-02
1974	3.9000E-04	1.8346E-03	2.3100E-02	9.5975E-02	2.0000E-05	2.2634E-02
1975		1.7650E-03		9.2332E-02		2.1774E-02
1976	2.6000E-04	1.9530E-03	2.1000E-02	1.0942E-01	7.0000E-05	2.1017E-02
1977	1.4750E-04	2.0235E-03	3.7000E-02	1.4156E-01	1.9100E-04	2.0406E-02
1978	7.2000E-05	2.0173E-03	4.0000E-03	1.4011E-01	6.5500E-05	1.9696E-02
1979	3.2600E-04	2.2605E-03	4.6500E-02	1.8040E-01	6.0000E-05	1.9010E-02
1980	8.7600E-04	3.0339E-03	8.0000E-03	1.8140E-01	2.0000E-05	1.8308E-02
TOTAL	3.7215E-03		2.1730E-01		3.0619E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
CM-244

*** CURIES ***

H 48G
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970		
1971		
1972		
1973	1.5300E-02	1.5007E-02
1974	1.6300E-02	3.0425E-02
1975		2.9270E-02
1976	5.0300E-03	3.3063E-02
1977	1.0000E-02	4.1616E-02
1978	6.0000E-03	4.5921E-02
1979	1.5000E-03	4.5649E-02
1980	2.0000E-03	4.5878E-02
TOTAL	5.6100E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-ALPHA

*** CURIES ***

A 773
LIQUID TO STREAMS

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961		
1962		
1963		
1964		
1965		
1966		
1967		
1968		
1969		
1970	3.5000E-03	3.5000E-03
1971		3.5030E-03
1972		3.5000E-03
1973		3.5000E-03
1974	1.2600E-03	4.7600E-03
1975	2.2040E-03	6.9640E-03
1976	1.0140E-03	7.9780E-03
1977	6.3100E-04	8.6090E-03
1978	4.4100E-04	9.0500E-03
1979	5.0000E-04	9.5500E-03
1980	1.4400E-04	9.6940E-03
TOTAL	9.6940E-03	

A 773
ATMOSPHERIC

	ORIGINAL RELEASE	DECAY CORRECTED
1954		
1955		
1956		
1957		
1958		
1959		
1960		
1961	2.2000E-04	2.2000E-04
1962	3.0000E-04	5.2000E-04
1963	2.4200E-04	7.6200E-04
1964		7.6200E-04
1965		7.6200E-04
1966		7.6200E-04
1967		7.6200E-04
1968		1.2620E-03
1969	5.0000E-04	1.7220E-03
1970	4.6000E-04	2.0220E-03
1971	3.0000E-04	2.5220E-03
1972	5.0000E-04	2.5220E-03
1973		2.5410E-03
1974	1.9000E-05	2.5720E-03
1975	3.1000E-05	2.5750E-03
1976	3.0000E-06	2.5770E-03
1977	2.0000E-06	2.5780E-03
1978	1.0000E-06	2.5810E-03
1979	3.0000E-06	2.5920E-03
1980	1.1000E-05	
TOTAL	2.5920E-03	

A 776
LIQUID TO SEEPAGE BASINS

	ORIGINAL RELEASE	DECAY CORRECTED
1954	2.8000E-04	2.8000E-04
1955	2.4700E-02	2.4980E-02
1956	7.8710E-02	1.0369E-01
1957	3.5620E-02	1.3931E-01
1958	4.3530E-02	1.8289E-01
1959	1.9120E-02	2.0201E-01
1960	3.0000E-02	2.3201E-01
1961	2.9000E-02	2.6101E-01
1962	4.0000E-02	3.0101E-01
1963	2.8700E-02	3.2971E-01
1964	3.2100E-02	3.6181E-01
1965	3.9000E-02	4.0081E-01
1966	1.7000E-02	4.1781E-01
1967	2.9400E-02	4.4721E-01
1968	2.5870E-01	7.0591E-01
1969	9.4400E-01	1.6499E+00
1970	1.1360E+00	2.7859E+00
1971	9.7940E-01	3.7653E+00
1972	7.1800E-02	3.8371E+00
1973	3.0140E-01	4.1385E+00
1974	2.2100E-02	4.1606E+00
1975	2.6770E-03	4.1633E+00
1976	5.0600E-04	4.1638E+00
1977	3.2990E-05	4.1638E+00
1978		4.1638E+00
1979		4.1638E+00
1980	6.1700E-04	4.1644E+00
TOTAL	4.1644E+00	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-ALPHA

*** CURIES ***

	C 105 ATMOSPHERIC		C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972						
1973	2.3400E-06	2.3400E-06	4.0000E-05	4.0000E-05		
1974	2.8300E-06	5.1700E-06	3.0000E-05	3.0400E-03		
1975	6.0600E-06	1.1230E-05	5.0000E-03	8.0400E-03		
1976	3.8100E-06	1.5040E-05	1.0000E-03	9.0400E-03		
1977	2.5800E-06	1.7620E-05	1.1500E-04	9.1550E-03		
1978	7.3000E-07	1.8350E-05	2.4490E-05	9.1795E-03	2.8200E-05	2.8200E-05
1979	7.0000E-07	1.9050E-05	2.0000E-06	9.1815E-03	8.9000E-05	1.1720E-04
1980	9.3000E-07	1.9980E-05		9.1815E-03	2.8400E-04	4.0120E-04
TOTAL		1.9980E-05		9.1815E-03		4.0120E-04

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-ALPHA

*** CURIES ***

	D 400 LIQUID TO STREAMS		F 281 LIQUID TO STREAMS		H 281 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954			2.4000E-03	2.4000E-03		
1955			4.5100E-02	4.7500E-02	1.2500E-02	1.2500E-02
1956			3.7000E-02	8.4500E-02	5.1000E-03	1.7600E-02
1957			2.2000E-03	8.6700E-02	1.8000E-03	1.9400E-02
1958			2.0000E-03	8.8700E-02	9.0000E-03	2.8400E-02
1959			2.0000E-03	9.0700E-02	1.1000E-02	3.9400E-02
1960			9.3000E-03	1.0000E-01	7.5000E-03	4.6900E-02
1961			7.0000E-03	1.0700E-01	9.8000E-03	5.6700E-02
1962			2.9000E-03	1.0990E-01	8.6000E-03	6.5300E-02
1963			5.0000E-03	1.1490E-01	1.1000E-02	7.6300E-02
1964			3.0000E-03	1.1790E-01	1.2000E-02	8.8300E-02
1965			2.0000E-03	1.1990E-01	9.0000E-03	9.7300E-02
1966			4.1000E-03	1.2400E-01	1.0000E-02	1.0730E-01
1967			1.0300E-02	1.3430E-01	5.4000E-03	1.1270E-01
1968			6.8000E-03	1.4110E-01	5.1000E-03	1.1780E-01
1969			4.5000E-03	1.4560E-01	6.1000E-03	1.2390E-01
1970			9.3000E-03	1.5490E-01	7.8000E-03	1.3170E-01
1971			1.1800E-02	1.6670E-01		1.3170E-01
1972			3.4600E-03	1.7216E-01		1.3170E-01
1973	1.1030E-02	1.1030E-02	8.7800E-03	1.8094E-01		1.3170E-01
1974	2.6400E-03	1.3670E-02	5.4300E-03	1.8637E-01	1.9200E-03	1.3362E-01
1975	6.0000E-05	1.3730E-02	4.5400E-03	1.9091E-01	1.7700E-03	1.3539E-01
1976	8.9000E-05	1.3819E-02	2.3500E-03	1.9326E-01	2.7500E-03	1.3814E-01
1977	1.9600E-04	1.4015E-02	2.7900E-03	1.9605E-01	3.2000E-03	1.4134E-01
1978	4.1000E-05	1.4056E-02	2.5010E-03	1.9855E-01	2.7060E-03	1.4405E-01
1979	2.8000E-05	1.4084E-02	4.5000E-03	2.0305E-01	3.6800E-03	1.4773E-01
1980	2.1000E-05	1.4105E-02	3.1200E-03	2.0617E-01	2.4800E-03	1.5021E-01
TOTAL		1.4111E-02		2.0617E-01		1.5021E-01

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-ALPHA

*** CURIES ***

	K 105 ATMOSPHERIC		K LIQUID TO STREAMS		K 904-B8G LIQUID TO CONTAINMENT BASIN	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972						
1973	4.9900E-06	4.9900E-06	4.1600E-03	4.1600E-03	4.7000E-04	4.7000E-04
1974	2.2200E-06	7.2100E-06	4.0000E-03	8.1600E-03	1.0000E-03	1.4700E-03
1975	3.9000E-06	1.1110E-05		8.1600E-03	2.0000E-03	3.4700E-03
1976	3.2900E-06	1.4400E-05		8.1600E-03	5.0000E-03	8.4700E-03
1977	1.9100E-06	1.6310E-05	5.6000E-05	8.2160E-03	6.8200E-04	9.1520E-03
1978	1.7700E-06	1.8080E-05		8.2160E-03	3.5020E-04	9.5022E-03
1979	6.4000E-07	1.8720E-05	1.1800E-04	8.3340E-03	2.8200E-04	9.7842E-03
1980	2.6300E-06	2.1350E-05	2.4000E-05	8.3580E-03	3.7000E-04	1.0154E-02
TOTAL	2.1350E-05		8.3580E-03		1.0154E-02	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-ALPHA

*** CURIES ***

	L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS		M 300 ATMOSPHERIC		P 105 ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972	2.2500E-03	2.2500E-03			1.5880E-06	1.5880E-06
1973		2.2500E-03			1.1600E-06	2.7480E-06
1974		2.2500E-03	3.6800E-05	3.6800E-05	4.1800E-06	6.9280E-06
1975		2.2500E-03	7.2000E-06	4.4000E-05	4.3600E-06	1.1288E-05
1976		2.2500E-03	6.7000E-06	5.0700E-05	2.4000E-06	1.3688E-05
1977	3.2000E-05	2.2820E-03	1.7490E-05	6.8190E-05	8.3000E-07	1.4518E-05
1978	3.1790E-06	2.2852E-03	1.0520E-05	7.8710E-05	4.0000E-07	1.4918E-05
1979		2.2852E-03	9.9380E-06	8.8648E-05	3.5000E-07	1.5268E-05
1980		2.2852E-03	3.6500E-06	9.2298E-05		
TOTAL	2.2852E-03		9.2298E-05		1.5268E-05	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-ALPHA

*** CURIES ***

	P LIQUID TO STREAMS		P 61G LIQUID TO SEEPAGE BASINS		CENTRAL SHOPS (FORD BUILDING) LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960						
1961						
1962						
1963						
1964						
1965						
1966						
1967						
1968						
1969						
1970						
1971						
1972	6.6000E-04	6.6000E-04				
1973		6.6000E-04				
1974	7.0000E-03	7.6600E-03				
1975	5.0000E-03	1.2660E-02				
1976	1.0000E-03	1.3660E-02				
1977	1.4690E-03	1.5129E-02				
1978	5.0540E-05	1.5180E-02	3.9650E-05	3.9650E-05		
1979		1.5180E-02	3.1700E-04	3.5665E-04		
1980		1.5180E-02	1.4600E-04	5.0265E-04	2.0000E-06	2.0000E-06
TOTAL	1.5180E-02		5.0265E-04		2.0000E-06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	A 773 LIQUID TO STREAMS		A 773 ATMOSPHERIC		A 776 LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					7.3070E-02	7.3070E-02
1955					1.8060E-01	2.5367E-01
1956					1.8170E-01	4.3537E-01
1957					2.5270E-01	6.8807E-01
1958			1.0000E-02	1.0000E-02	5.2930E-02	7.4100E-01
1959			4.9000E-01	5.0000E-01	4.9760E-02	7.9076E-01
1960			8.0000E-02	5.8000E-01	9.2000E-02	8.8276E-01
1961			9.0000E-02	6.7000E-01	7.0000E-02	9.5276E-01
1962			2.2000E-01	8.9000E-01	1.7400E+00	2.6928E+00
1963			1.8400E-01	1.0740E+00	2.8470E-01	2.9775E+00
1964			5.2100E-02	1.1261E+00	3.2130E-01	3.2988E+00
1965			8.6900E-02	1.2130E+00	1.7520E-01	3.4740E+00
1966			5.1000E-03	1.2181E+00	4.6300E-02	3.5203E+00
1967			1.2400E-02	1.2305E+00	1.0580E-01	3.6261E+00
1968			1.6000E-03	1.2321E+00	7.8580E-01	4.4119E+00
1969			1.0270E-02	1.2424E+00	1.3960E+00	5.8079E+00
1970	1.1500E-02	1.1500E-02	5.8600E-03	1.2482E+00	3.7210E+00	9.5289E+00
1971	1.7500E-01	1.8650E-01	1.4100E-03	1.2496E+00	6.4740E-01	1.0176E+01
1972	3.8200E-03	1.9032E-01	6.7000E-04	1.2503E+00	3.1900E-02	1.0208E+01
1973	3.4400E-03	1.9376E-01	7.0000E-06	1.2503E+00	3.0150E-01	1.0510E+01
1974	3.8200E-03	1.9758E-01	3.5000E-05	1.2503E+00	2.9470E-02	1.0539E+01
1975	5.3440E-03	2.0292E-01	3.1000E-05	1.2504E+00	7.9950E-03	1.0547E+01
1976	2.8820E-03	2.0581E-01	2.3000E-05	1.2504E+00	3.6860E-03	1.0551E+01
1977	1.8320E-03	2.0764E-01	7.0000E-06	1.2504E+00	1.9950E-03	1.0553E+01
1978	7.7600E-04	2.0841E-01		1.2504E+00	8.5290E-04	1.0554E+01
1979	3.3500E-04	2.0875E-01		1.2504E+00	5.6900E-04	1.0554E+01
1980	2.4800E-04	2.0900E-01	3.6000E-05	1.2504E+00	2.6300E-04	1.0554E+01
TOTAL	2.0900E-01		1.2504E+00		1.0554E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	C 105 ATMOSPHERIC		C LIQUID TO STREAMS		C 66G LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960	1.0000E-03	1.0000E-03				
1961	1.2500E-03	2.2500E-03				
1962	5.0000E-03	7.2500E-03				
1963	9.3000E-03	1.6550E-02				
1964	1.9000E-03	1.8450E-02				
1965	4.0000E-04	1.8850E-02				
1966	1.3000E-03	2.0150E-02				
1967	3.0000E-05	2.0180E-02				
1968	5.1000E-04	2.0690E-02				
1969	3.3500E-04	2.1025E-02				
1970	2.0000E-04	2.1225E-02				
1971	3.0000E-05	2.1255E-02				
1972	6.0000E-05	2.1315E-02				
1973	1.8100E-04	2.1496E-02				
1974	8.8000E-05	2.1584E-02				
1975	1.0000E-04	2.1684E-02				
1976	4.2100E-04	2.2105E-02				
1977	1.8100E-04	2.2286E-02				
1978	5.5000E-05	2.2341E-02	4.2820E-03	4.2820E-03		
1979	5.6000E-05	2.2397E-02	2.3500E-04	4.5170E-03	2.1400E-04	2.1400E-04
1980	9.4600E-04	2.3343E-02	3.3200E-01	3.3652E-01		2.1400E-04
TOTAL	2.3343E-02		3.3652E-01		2.1400E-04	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	D 400 LIQUID TO STREAMS		F 291 ATMOSPHERIC		F 281 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					8.0000E-03	8.0000E-03
1955					4.5000E-02	5.3000E-02
1956					1.5700E-01	2.1000E-01
1957					5.1000E-02	2.6100E-01
1958					4.2000E-02	3.0300E-01
1959					5.9800E-01	7.0100E-01
1960					6.7000E+00	7.6010E+00
1961					2.8300E+00	1.0431E+01
1962					6.6700E-01	1.1098E+01
1963					7.2000E-01	1.1818E+01
1964	1.9000E-01	1.9000E-01			6.7000E-01	1.2488E+01
1965	2.2500E+00	2.4400E+00			1.9600E-01	1.2684E+01
1966	7.6000E-01	3.2000E+00			1.8000E-01	1.2864E+01
1967		3.2000E+00			6.9700E-01	1.3561E+01
1968		3.2000E+00			3.8900E-01	1.3950E+01
1969		3.2000E+00			2.2900E-01	1.4179E+01
1970		3.2000E+00			1.8000E-01	1.4359E+01
1971		3.2000E+00			4.9200E-01	1.4851E+01
1972		3.2000E+00			1.0900E-01	1.4960E+01
1973	1.8500E-03	3.2018E+00			1.9000E-01	1.5150E+01
1974	2.1910E-02	3.2238E+00			7.1230E-02	1.5221E+01
1975	1.9510E-02	3.2433E+00	1.3800E-04	1.3800E-04	3.2550E-02	1.5254E+01
1976	3.4360E-02	3.2776E+00	4.8000E-05	1.8600E-04	2.8240E-02	1.5282E+01
1977	1.1680E-02	3.2893E+00	1.6000E-05	2.0200E-04	2.8680E-02	1.5311E+01
1978	6.0580E-03	3.2954E+00	5.1200E-04	7.1400E-04	9.2780E-02	1.5403E+01
1979	1.6930E-02	3.3123E+00	1.1800E-04	8.3200E-04	7.7540E-02	1.5481E+01
1980	8.0860E-03	3.3204E+00	3.8400E-04	1.2160E-03	5.6380E-02	1.5537E+01
TOTAL	3.3204E+00		1.2160E-03		1.5537E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	F 47G LIQUID TO SEEPAGE BASINS		H 291 ATMOSPHERIC		H 281 LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954					8.4000E-02	8.4000E-02
1955					1.4810E+00	1.5650E+00
1956					2.3600E-01	1.8210E+00
1957					3.4300E-01	2.1640E+00
1958					3.4700E-01	2.5110E+00
1959					1.6000E+00	4.1110E+00
1960					4.0000E-01	4.5110E+00
1961					2.8600E-01	4.7970E+00
1962					6.8000E-01	5.4770E+00
1963					7.2500E-01	6.2020E+00
1964					1.1800E+00	7.3820E+00
1965					2.0970E+00	9.4790E+00
1966					1.3300E+01	2.2779E+01
1967					2.2000E-01	2.2999E+01
1968					1.7600E-01	2.3175E+01
1969					2.7300E-01	2.3648E+01
1970					1.2800E-01	2.3576E+01
1971					1.8400E-01	2.3760E+01
1972					9.0430E-02	2.3850E+01
1973					2.9130E-02	2.3880E+01
1974			1.0000E-05	1.0000E-05	3.7600E-03	2.3883E+01
1975	1.4000E-02	1.4000E-02	2.4000E-05	3.4000E-05	1.5120E-02	2.3898E+01
1976	4.0000E-03	1.8000E-02	2.0000E-05	5.4000E-05	1.6500E-02	2.3915E+01
1977	1.0000E-03	1.9000E-02	4.0000E-06	5.8000E-05	4.2760E-02	2.3958E+01
1978		1.9000E-02	7.8000E-05	1.3600E-04	4.0390E-02	2.3998E+01
1979	7.0000E-03	2.6000E-02		1.3600E-04	1.6840E-02	2.4015E+01
1980	3.0000E-03	2.9000E-02	1.5300E-04	2.8900E-04		
TOTAL	2.9000E-02		2.8900E-04		2.4015E+01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	H 48G LIQUID TO SEEPAGE BASINS		K 105 ATMOSPHERIC		K LIQUID TO STREAMS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960			1.8400E-03	1.8400E-03		
1961			1.7000E-03	3.5400E-03		
1962			4.0000E-03	7.5400E-03		
1963			1.6900E-02	2.4440E-02		
1964			1.4000E-03	2.5840E-02		
1965			8.0000E-04	2.6640E-02		
1966			5.0000E-04	2.7140E-02		
1967			2.1000E-04	2.7350E-02		
1968			7.6400E-04	2.8114E-02		
1969			4.5550E-04	2.8056E-02		
1970			1.4500E-04	2.8714E-02		
1971			5.0700E-05	2.8764E-02		
1972			1.9000E-04	2.8954E-02		
1973			2.8600E-04	2.9240E-02		
1974			9.9000E-05	2.9339E-02		
1975	1.1300E-01	1.1300E-01	1.2100E-04	2.9460E-02		
1976	2.0900E-01	3.2200E-01	1.2800E-04	2.9588E-02		
1977	1.0800E-01	4.3000E-01	1.7800E-04	2.9766E-02		
1978	4.1200E-01	8.4200E-01	6.6000E-05	2.9832E-02	3.4260E-06	3.4260E-06
1979	2.4300E-01	1.0850E+00	6.5000E-05	2.9897E-02	6.4820E-01	6.4820E-01
1980	1.4500E-01	1.2300E+00	3.0300E-04	3.0200E-02	5.1700E-03	6.5337E-01
TOTAL	1.2300E+00		3.0200E-02		6.5337E-01	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	K 904-88G LIQUID TO CONTAINMENT BASIN		L 105 ATMOSPHERIC		L OIL AND CHEMICAL BASIN LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960			3.7000E-04	3.7000E-04		
1961			2.2700E-03	2.6400E-03		
1962			1.0000E-02	1.2640E-02		
1963			6.6000E-03	1.9240E-02		
1964			4.4000E-03	2.3640E-02		
1965			2.8000E-03	2.6440E-02		
1966	4.4000E+01	4.4000E+01	5.1000E-03	3.1540E-02		
1967	1.1600E+02	1.6000E+02	9.6000E-04	3.2500E-02		
1968		1.6000E+02	1.1000E-04	3.2610E-02		
1969		1.6000E+02		3.2610E-02		
1970		1.6000E+02		3.2610E-02		
1971		1.6000E+02		3.2610E-02		
1972		1.6000E+02		3.2610E-02		
1973		1.6000E+02		3.2610E-02		
1974		1.6000E+02		3.2610E-02		
1975		1.6000E+02		3.2610E-02		
1976		1.6000E+02		3.2610E-02		
1977		1.6000E+02		3.2610E-02	9.8300E-04	9.8300E-04
1978		1.6000E+02		3.2610E-02	3.8800E-04	1.3710E-03
1979		1.6000E+02		3.2610E-02	1.8400E-04	1.5550E-03
1980		1.6000E+02		3.2610E-02		1.5550E-03
TOTAL	1.6000E+02		3.2610E-02		1.5550E-03	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	P 105 ATMOSPHERIC		P LIQUID TO STREAMS		CMX-TNX LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954						
1955						
1956						
1957						
1958						
1959						
1960	2.1000E-04	2.1000E-04				
1961	1.7500E-03	1.9600E-03				
1962	6.9000E-02	7.0960E-02				
1963	1.3000E-03	7.2260E-02				
1964	1.0000E-03	7.3260E-02				
1965	2.5000E-03	7.5760E-02				
1966	9.0000E-04	7.6660E-02				
1967	1.3000E-05	7.6673E-02				
1968	1.1150E-03	7.7788E-02				
1969	3.7500E-04	7.8163E-02				
1970	3.1800E-04	7.8481E-02				
1971	6.0000E-05	7.8541E-02				
1972	9.1000E-05	7.8532E-02				
1973	1.3200E-04	7.8764E-02				
1974	5.8000E-05	7.8822E-02				
1975	1.2300E-04	7.8945E-02				
1976	1.3900E-04	7.9084E-02				
1977	1.0900E-04	7.9193E-02				
1978	2.7000E-05	7.9220E-02				
1979	3.9000E-05	7.9259E-02				
1980	1.7000E-04	7.9429E-02	3.2560E-03	3.2560E-03	9.0000E-06	9.0000E-06
TOTAL	7.9429E-02		3.2560E-03		9.0000E-06	

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

ISOTOPE
UN-ID-B+G

*** CURIES ***

	R 105 ATMOSPHERIC		CENTRAL SHOPS (FORD BUILDING) LIQUID TO SEEPAGE BASINS	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
1954				
1955				
1956				
1957				
1958				
1959				
1960	3.0000E-04	3.0000E-04		
1961	1.2000E-03	1.5000E-03		
1962	5.0000E-03	6.5000E-03		
1963	4.5000E-03	1.1000E-02		
1964	7.0000E-04	1.1700E-02	3.8000E-03	3.8000E-03
1965		1.1700E-02	1.3000E-02	1.6800E-02
1966		1.1700E-02	1.5000E-03	1.8300E-02
1967		1.1700E-02		1.8300E-02
1968		1.1700E-02		1.8300E-02
1969		1.1700E-02		1.8300E-02
1970		1.1700E-02		1.8300E-02
1971		1.1700E-02		1.8300E-02
1972		1.1700E-02		1.8300E-02
1973		1.1700E-02		1.8300E-02
1974		1.1700E-02		1.8300E-02
1975		1.1700E-02		1.8300E-02
1976		1.1700E-02		1.8300E-02
1977		1.1700E-02		1.8300E-02
1978		1.1700E-02		1.8300E-02
1979		1.1700E-02	4.0000E-06	1.8304E-02
1980		1.1700E-02	2.9000E-05	1.8333E-02
TOTAL	1.1700E-02		1.8333E-02	

YEAR	ATMOSPHERIC, MILLICURIES			
	BUILDING 235-F		BUILDING 772-F	
	NONVOLATILE		NONVOLATILE	
	ALPHA	BETA	ALPHA	BETA
1961	0.001	1	-	-
1962	0.001	1	-	-
1963	0.001	1	-	-
1964	0.001	1	-	-
1965	0.001	2	-	-
1966	0.003	0.2	-	-
1967	0.3	2	-	-
1968	0.001	0.6	-	-
1969	0.012	0.1	-	-
1970	0.012	0.1	-	-
1971	0.019	0.1	-	-
1972	0.09	0.05	0.52	0.13
1973	0.06	0.07	0.19	0.6
1974	0.01	0.03	0.03	0.2
1975	0.002	0.01	0.03	0.1
1976	0.001	0.01	0.03	0.1
1977	*	*	0.07	0.05
1978	*	*	0.11	0.42
1979	-	-	0.05	0.10
1980	-	-	0.15	0.36

- NO RELEASES RECORDED.
* EFFLUENT DIVERTED TO SANDFILTER.

SUMMARY C
TOTAL SRP RADIOACTIVE RELEASES
BY RADIONUCLIDE

SRP RADIOACTIVE RELEASES - 1954 THROUGH 1980

UNITS VOLUMES: LIQUID, LITERS; ATMOSPHERIC, CUBIC METERS;
RADIONUCLIDES, CURIES

	LIQUID TO SEEPAGE BASINS		LIQUID TO STREAMS		ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
VOLUMES	1.7947E+10		3.8596E+12		7.8732E+11	
H-3	9.4466E+05	5.3471E+05	1.2920E+06	6.8576E+05	1.8803E+07	8.5551E+06
C-14					2.4451E+03	2.4409E+03
*P-32	8.6567E-02	1.3535E-07	1.3967E+00			
*S-35	5.4154E+00	2.8639E-03	2.1968E+01	1.4486E-02		
*AR-41					9.8823E+05	
*CR-51	9.9798E+01	1.6358E-02	1.1466E+01	6.3484E-07		
MN-54			2.1010E-02	1.2354E-03		
*CO-58	2.6805E+00	1.1418E-07			9.1141E-02	2.3662E-02
CO-60	1.6468E+01	3.1796E+00	6.6376E+01	7.9454E+00		
*ZN-65	2.5998E+00	1.2576E-01	1.8902E+00	2.6674E-04		
KR-85					**5.8119E+06	4.2232E+06
*KR-85M					2.5735E+04	
*KR-87					1.2191E+04	
*KR-88					2.3838E+04	
*SR-89	9.1030E+00	4.0203E-03	2.8992E+00			
SR-90	2.9683E+02	1.7683E+02	1.0151E+02	6.8066E+01		
SR-89-90	1.1254E-01	8.1589E-02	5.8775E-02	4.5273E-02	1.5213E+00	9.6755E-01
*Y-91	5.0188E-01	1.0946E-04	2.9294E+00			
*ZR-95	4.3207E+01	4.4934E-01			4.6503E-01	1.9707E-03
*NB-95	4.1319E+01	5.1735E-02			8.9869E-01	4.8279E-04
*ZR-NB-95	2.6254E+00	2.6975E-03	1.5705E+00	1.1372E-07		
*RU-103	2.6659E+01	5.1479E-02			9.3275E+00	6.8224E-05
RU-106	1.5969E+03	2.5180E+01			4.5286E+01	5.8407E+00
RU-103-106	6.2480E+01	5.4667E-03	5.8630E+01	2.9374E-03	9.3117E+01	4.0358E-03
*SB-124	8.0508E+00		4.0000E-02			
*SB-125	1.9700E+00	1.9867E-01	4.1000E-04	3.6714E-05		
*SB-124-125	2.2225E+00	4.6312E-01	2.2882E-02	3.7352E-03		
I-129					5.0386E+00	5.0386E+00
*I-131	9.7539E+00		2.6441E+00		3.3645E+01	
*XE-131M					2.6902E+03	5.1061E-06
*XE-133					1.1344E+05	2.5429E-07
*CS-134	7.2327E+00	1.5738E+00	5.4680E-01	7.2019E-02	8.2360E-03	1.0327E-03
*XE-135					4.3586E+04	
CS-137	1.2864E+03	8.0603E+02	6.0340E+02	4.1420E+02	2.4143E+00	1.4436E+00
CS-134-137			4.5540E-03	4.1036E-03		
*BA-LA-140	1.0300E-02		1.3000E-01			
*CE-141	2.6783E+00	1.2291E-07			4.0302E-02	2.4114E-06
*CE-144	4.0158E+01	7.0262E+00			6.1233E-01	1.7433E-02
*CE-141-144	1.0563E+00	4.1468E-02	2.9956E+00	8.1132E-03		
PM-147	1.6663E+02	4.2367E+00	1.0980E+02	2.6890E+00		
U-NAT	1.3623E+01	1.3623E+01	2.4393E+01	2.4393E+01	8.1308E-01	8.1308E-01
TH-232	1.6670E-01	1.6670E-01			0.0	
PU-238	3.7460E+00	3.4610E+00	1.0274E-01	9.5912E-02	6.7968E-01	6.2351E-01
*NP-239	3.0000E-03		1.6870E+00			
PU-239	7.7730E+00	7.7693E+00			3.0149E+00	3.0128E+00
AM-241	1.1006E-01	1.0977E-01			2.9960E-03	2.9880E-03
*CM-242					2.3400E-03	
CM-244	2.7346E-01	2.2733E-01	3.8572E-01	2.6647E-01	8.7671E-02	5.1959E-02
UN-ID-ALPHA	4.1778E+00	4.1778E+00	4.1290E-01	4.1290E-01	2.7409E-03	2.7402E-03
UN-ID-B+G	1.7183E+02	1.7183E+02	4.4075E+01	4.4075E+01	1.4292E+00	1.4292E+00

*TOTALS REPRESENT RELEASES FOR 1971 THROUGH 1980; RADIONUCLIDES WITH HALF LIVES LESS THAN ONE YEAR ARE NOT TABULATED PRIOR TO 1971.

**RELEASES FOR 1971 THROUGH 1980; 1954 THROUGH 1970 DATA ARE SECRET.

SRP RADIOACTIVE RELEASES - 1980

UNITS VOLUMES: LIQUID, LITERS; ATMOSPHERIC, CUBIC METERS;
RADIONUCLIDES, CURIES

	LIQUID TO SEEPAGE BASINS		LIQUID TO STREAMS		ATMOSPHERIC	
	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED	ORIGINAL RELEASE	DECAY CORRECTED
VOLUMES	7.9287E+08		1.2095E+12		2.9323E+10	
H-3	3.2862E+04	3.1950E+04	2.6760E+04	2.6017E+04	2.8447E+05	2.7657E+05
C-14					6.6000E+01	6.5996E+01
P-32	1.8680E-03	1.3535E-07				
S-35	1.0875E-02	2.5895E-03				
AR-41					6.9720E+04	
CR-51	1.5479E+00	1.6357E-02				
CO-60	2.2092E-01	2.0681E-01	1.5530E-03	1.4538E-03	6.1700E-04	5.7759E-04
ZN-65	1.4000E-01	8.3483E-02				
KR-85					5.8320E+05	5.6467E+05
KR-85M					3.2050E+03	
KR-87					2.7910E+03	
KR-88					3.9780E+03	
SR-89	6.5000E-03	3.9617E-03				
SR-90	1.4500E-01	1.4322E-01	3.9988E-01	3.9497E-01		
SR-89-90	9.3000E-05	9.1858E-05	9.9000E-05	9.7785E-05	2.5790E-03	2.5473E-03
Y-91	8.2500E-04	9.6100E-05				
ZR-95	3.0930E+00	4.4226E+01			1.3510E-02	1.9318E-03
NB-95	1.9210E+00	5.1707E-02			1.7917E-02	4.8227E-04
ZR-NB-95	1.8723E-02	2.6772E-03				
RU-103	1.2540E+00	5.1372E-02			1.6550E-03	6.7800E-05
RU-106	1.9793E+01	1.4025E+01			5.9840E-02	4.2401E-02
RU-103-106	9.5800E-04	6.7881E-04				
SB-124-125	1.6805E-02	1.4801E-02				
I-129					1.6000E-01	1.6000E-01
I-131	1.7278E-02				2.5120E-02	
XE-131M					1.9300E-01	5.1061E-06
XE-133					7.7570E+03	2.5429E-07
CS-134	7.1936E-02	6.0751E-02			3.8000E-04	3.2091E-04
XE-135					6.3710E+03	
CS-137	1.7938E+00	1.7732E+00	1.6073E-01	1.5888E-01	2.6320E-03	2.6018E-03
CS-134-137			3.1100E-04	3.0743E-04		
CE-141					1.1100E-04	2.4098E-06
CE-144	3.8200E-01	2.4467E-01			1.5537E-02	9.9515E-03
CE-141-144	3.7080E-02	2.3750E-02				
PM-147	1.2275E-01	1.0757E-01				
U-NAT	2.8973E-01	2.8973E-01	1.8980E-01	1.8980E-01	4.0141E-03	4.0140E-03
PU-238	1.3110E-02	1.3058E-02			2.7630E-03	2.7519E-03
PU-239	1.6102E-02	1.6102E-02			1.2350E-03	1.2350E-03
AM-241	2.3000E-02	2.2983E-02			1.0730E-03	1.0722E-03
CM-244	1.0000E-02	9.8084E-03			8.9600E-04	8.7883E-04
UN-ID-ALPHA	1.4190E-03	1.4190E-03	5.7740E-03	5.7740E-03	1.8560E-05	1.8560E-05
UN-ID-B+G	1.4830E-01	1.4830E-01	4.2198E-01	4.2198E-01	1.9920E-03	1.9920E-03

SUMMARY D
MONTHLY RADIOACTIVE RELEASES FOR 1980

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REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

ATMOSPHERIC
100-C

	T	AR-41	KR-85M	KR-87	KR-88	TOTAL KR	STACK I-131	DISS'Y I-131	XE-133	XE-135
JANUARY	4.288E+03	3.341E+03	9.900E+01	1.280E+02	1.300E+02	3.570E+02	-	-	2.160E+02	2.220E+02
FEBRUARY	3.020E+03	1.913E+03	6.400E+01	8.100E+01	1.160E+02	2.610E+02	5.400E-05	1.970E-04	1.220E+02	1.290E+02
MARCH	3.385E+03	5.225E+03	2.200E+02	2.800E+02	3.900E+02	8.900E+02	-	-	4.200E+02	4.200E+02
APRIL	5.390E+03	4.100E+03	1.700E+02	2.050E+02	2.900E+02	6.650E+02	1.200E-05	6.290E-04	2.900E+02	3.100E+02
MAY	4.170E+03	3.715E+03	1.750E+02	2.090E+02	3.060E+02	6.900E+02	2.700E-05	5.570E-04	3.020E+02	3.060E+02
JUNE	4.911E+03	3.435E+03	1.840E+02	2.290E+02	3.280E+02	7.410E+02	2.000E-05	5.290E-04	5.870E+02	2.940E+02
JULY	3.793E+03	4.340E+03	5.870E+02	3.490E+02	5.000E+02	1.436E+03	3.000E-06	2.280E-04	5.750E+02	3.570E+02
AUGUST	9.576E+03	1.543E+03	1.390E+02	1.740E+02	2.450E+02	5.580E+02	2.790E-04	1.456E-03	3.010E+02	2.090E+02
SEPTEMBER	1.015E+04	-	-	4.000E+00	6.000E+00	1.000E+01	4.410E-04	2.305E-03	5.000E+00	1.000E+00
OCTOBER	4.145E+03	-	-	1.000E+00	1.000E+00	2.000E+00	2.200E-05	1.080E-04	-	-
NOVEMBER	3.025E+03	-	-	-	-	-	8.000E-06	-	-	-
DECEMBER	2.311E+03	4.101E+03	4.800E+01	4.000E+01	7.500E+01	1.630E+02	-	-	4.000E+01	8.400E+01
TOTAL	5.817E+04	3.171E+04	1.686E+03	1.700E+03	2.387E+03	5.773E+03	8.660E-04	6.009E-03	2.858E+03	2.332E+03
STD. DEV.	±2.494E+03	±1.163E+03	±1.604E+02	±1.142E+02	±1.629E+02	±4.272E+02	±1.556E-04	±7.566E-04	±2.010E+02	±1.303E+02

	TOTAL XE	OTHER B OR G	TOTAL ALPHA	STACK VOLUME	DISS'Y VOLUME
JANUARY	4.380E+02	4.000E-06	-	1.110E+11	9.175E+10
FEBRUARY	2.510E+02	9.000E-06	2.700E-07	1.495E+11	9.175E+10
MARCH	8.400E+02	-	1.000E-07	1.413E+11	1.146E+11
APRIL	6.000E+02	3.000E-06	1.200E-07	1.942E+11	9.175E+10
MAY	6.080E+02	4.000E-06	-	1.345E+11	9.175E+10
JUNE	8.810E+02	1.600E-05	6.000E-08	2.310E+11	1.146E+11
JULY	9.320E+02	3.000E-06	6.000E-08	1.407E+11	9.175E+10
AUGUST	5.100E+02	2.000E-05	-	2.690E+11	9.175E+10
SEPTEMBER	6.000E+00	8.050E-04	6.000E-08	6.219E+11	1.146E+11
OCTOBER	-	5.700E-05	2.000E-07	3.542E+11	9.175E+10
NOVEMBER	-	1.000E-05	-	3.406E+11	9.147E+10
DECEMBER	1.240E+02	1.500E-05	6.000E-08	1.651E+11	1.146E+11
TOTAL	5.190E+03	9.460E-04	9.300E-07	2.853E+12	1.192E+12
STD. DEV.	±3.191E+02	±2.387E-04	±7.890E-08	±1.455E+11	±1.131E+10

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

ATMOSPHERIC
100-K

	T	AR-41	KR-85M	KR-87	KR-88	TOTAL KR	STACK I-131	DISS'Y I-131	XE-133	XE-135
JANUARY	2.705E+03	1.904E+03	1.300E+01	1.400E+01	2.200E+01	4.900E+01	-	-	9.200E+01	4.000E+01
FEBRUARY	3.628E+03	1.522E+03	1.300E+01	1.300E+01	2.100E+01	4.700E+01	2.700E-05	6.300E-05	8.600E+01	3.600E+01
MARCH	2.802E+03	2.850E+03	2.100E+01	2.400E+01	3.600E+01	8.100E+01	1.900E-05	1.310E-04	1.440E+02	6.200E+01
APRIL	4.480E+03	2.115E+03	2.400E+01	2.500E+01	3.500E+01	8.400E+01	1.230E-04	2.940E-04	1.400E+02	6.000E+01
MAY	3.660E+03	5.790E+02	2.700E+01	2.700E+01	4.500E+01	1.010E+02	8.000E-06	2.400E-04	2.060E+02	8.200E+01
JUNE	8.614E+03	3.000E+01	-	2.000E+00	1.000E+00	3.000E+00	6.010E-04	1.921E-03	-	-
JULY	5.048E+03	2.080E+02	1.000E+01	9.000E+00	2.400E+01	4.300E+01	8.000E-06	8.600E-05	5.800E+01	3.800E+01
AUGUST	6.282E+03	2.340E+02	2.000E+01	2.200E+01	3.300E+01	7.500E+01	2.300E-05	5.000E-06	9.400E+01	7.900E+01
SEPTEMBER	4.342E+03	2.172E+03	1.200E+01	1.000E+01	1.500E+01	3.700E+01	1.700E-05	8.400E-05	5.700E+01	2.900E+01
OCTOBER	4.532E+03	2.101E+03	4.000E+01	1.000E+01	1.600E+01	6.600E+01	6.000E-06	1.200E-05	8.300E+01	2.900E+01
NOVEMBER	3.407E+03	9.650E+02	6.000E+00	6.000E+00	9.000E+00	2.100E+01	1.600E-05	-	2.600E+01	1.600E+01
DECEMBER	2.859E+03	8.880E+02	5.000E+00	6.000E+00	6.000E+00	1.700E+01	1.000E-05	-	3.500E+01	1.800E+01
TOTAL	5.235E+04	1.557E+04	1.930E+02	1.680E+02	2.630E+02	6.240E+02	8.580E-04	2.836E-03	1.021E+03	4.890E+02
STD. DEV.	±1.676E+03	±7.359E+02	±1.055E+01	±8.442E+00	±1.338E+01	±3.002E+01	±1.765E-04	±6.099E-04	±5.301E+01	±2.296E+01

	TOTAL XE	OTHER B OR G	TOTAL ALPHA	STACK VOLUME	DISS'Y VOLUME
JANUARY	1.320E+02	-	-	9.883E+10	9.175E+10
FEBRUARY	1.220E+02	2.000E-06	-	1.390E+11	9.175E+10
MARCH	2.060E+02	9.000E-06	4.200E-07	1.220E+11	1.146E+11
APRIL	2.000E+02	2.000E-06	2.000E-08	1.455E+11	9.175E+10
MAY	2.880E+02	4.000E-06	-	1.146E+11	9.175E+10
JUNE	-	1.250E-04	2.300E-07	3.817E+11	1.146E+11
JULY	9.600E+01	5.400E-05	3.200E-07	1.087E+11	9.175E+10
AUGUST	1.730E+02	1.400E-05	8.800E-07	1.112E+11	9.175E+10
SEPTEMBER	8.600E+01	5.100E-05	3.800E-07	2.078E+11	1.146E+11
OCTOBER	1.120E+02	5.000E-06	3.800E-07	1.237E+11	9.175E+10
NOVEMBER	4.200E+01	2.600E-05	-	1.713E+11	9.175E+10
DECEMBER	5.300E+01	1.100E-05	-	1.614E+11	1.146E+11
TOTAL	1.510E+03	3.030E-04	2.630E-06	1.886E+12	1.192E+12
STD. DEV.	±7.352E+01	±3.730E-05	±2.605E-07	±7.728E+10	±1.129E+10

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

ATMOSPHERIC 100-P										
	T	AR-41	KR-85M	KR-87	KR-88	TOTAL KR	STACK I-131	DISS'Y I-131	XE-133	XE-135
JANUARY	2.905E+03	2.040E+03	1.550E+02	1.300E+02	1.800E+02	4.650E+02	2.400E-05	9.800E-05	4.650E+02	4.600E+02
FEBRUARY	1.645E+03	1.600E+03	1.500E+02	1.300E+02	1.800E+02	4.600E+02	2.810E-04	4.800E-05	3.900E+02	5.300E+02
MARCH	2.180E+03	3.720E+03	3.000E+02	2.900E+02	3.800E+02	9.700E+02	1.180E-04	-	9.500E+02	9.700E+02
APRIL	2.830E+03	1.850E+03	1.900E+02	1.300E+02	2.100E+02	5.300E+02	4.890E-04	5.530E-04	6.400E+02	5.000E+02
MAY	3.365E+03	2.000E+03	1.500E+02	1.150E+02	1.600E+02	4.250E+02	4.150E-04	8.870E-04	5.850E+02	4.100E+02
JUNE	4.890E+03	-	3.000E+01	-	5.000E+00	3.500E+01	6.420E-04	1.025E-03	-	-
JULY	3.550E+03	-	3.500E+01	-	5.000E+00	4.000E+01	4.100E-05	6.700E-05	-	-
AUGUST	3.675E+03	5.050E+02	3.100E+01	8.000E+00	8.000E+00	4.700E+01	-	1.110E-04	3.300E+01	3.000E+01
SEPTEMBER	2.100E+03	2.330E+03	7.500E+01	2.000E+01	3.500E+01	1.300E+02	1.200E-05	-	2.000E+02	1.750E+02
OCTOBER	1.290E+03	2.730E+03	2.000E+01	3.000E+01	4.000E+01	9.000E+01	2.300E-05	6.000E-06	4.000E+01	5.000E+01
NOVEMBER	1.335E+03	1.760E+03	7.000E+01	2.000E+01	4.000E+01	1.300E+02	2.400E-05	1.080E-04	1.650E+02	1.350E+02
DECEMBER	1.675E+03	3.900E+03	1.200E+02	5.000E+01	8.500E+01	2.550E+02	1.720E-04	-	4.100E+02	2.900E+02
TOTAL	3.144E+04	2.243E+04	1.326E+03	9.230E+02	1.328E+03	3.577E+03	2.241E-03	2.903E-03	3.878E+03	3.550E+03
STD. DEV.	±1.107E+03	±1.005E+03	±8.367E+01	±8.634E+01	±1.142E+02	±2.821E+02	±2.220E-04	±3.948E-04	±2.079E+02	±2.843E+02

	TOTAL XE	OTHER B OR G	TOTAL ALPHA	STACK VOLUME	DISS'Y VOLUME
JANUARY	9.250E+02	5.000E-06	-	1.540E+11	1.076E+11
FEBRUARY	9.200E+02	1.000E-04	-	1.132E+11	1.076E+11
MARCH	1.920E+03	4.000E-06	8.000E-08	1.319E+11	1.345E+11
APRIL	1.140E+03	4.000E-06	9.000E-08	1.410E+11	1.076E+11
MAY	9.950E+02	5.000E-06	-	1.727E+11	1.076E+11
JUNE	-	7.700E-05	5.000E-08	3.200E+11	1.345E+11
JULY	-	2.300E-05	-	2.693E+11	1.076E+11
AUGUST	6.300E+01	6.000E-06	6.000E-08	2.520E+11	1.076E+11
SEPTEMBER	3.750E+02	5.000E-06	7.000E-08	1.693E+11	1.345E+11
OCTOBER	9.000E+01	1.300E-05	-	1.393E+11	1.076E+11
NOVEMBER	3.000E+02	1.000E-05	-	1.871E+11	1.076E+11
DECEMBER	7.000E+02	1.700E-05	-	2.565E+11	1.345E+11
TOTAL	7.428E+03	1.700E-04	3.500E-07	2.306E+12	1.372E+12
STD. DEV.	±5.647E+02	±2.078E-05	±1.581E-08	±6.582E+10	±1.324E+10

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

**LIQUID
C PURGE TO SEEPAGE BASIN**

	<u>T</u>	<u>P-32</u>	<u>S-35</u>	<u>CR-51</u>	<u>CO-58,60</u>	<u>SR-89</u>	<u>SR-90</u>	<u>Y-91</u>	<u>ZR-95 NB-95</u>	<u>RU-103 106</u>
JANUARY	3.900E+01	-	-	-	-	-	-	-	-	-
FEBRUARY	6.310E+02	-	-	1.865E-02	-	-	-	-	-	-
MARCH	1.030E+02	3.200E-05	-	2.820E-04	-	-	-	-	-	-
APRIL	2.800E+01	-	-	-	-	-	-	-	-	-
MAY	3.560E+02	-	-	-	-	-	-	-	-	-
JUNE	6.300E+01	-	-	2.860E-04	-	-	-	-	-	-
JULY	7.540E+02	1.820E-04	-	2.414E-02	-	-	-	-	-	-
AUGUST	8.700E+01	-	1.100E-05	8.020E-04	-	-	-	-	-	-
SEPTEMBER	8.210E+02	-	1.110E-04	5.145E-02	-	-	-	-	2.664E-03	7.260E-04
OCTOBER	1.097E+03	1.500E-04	4.794E-03	2.270E-02	1.980E-04	-	-	2.900E-04	1.151E-03	-
NOVEMBER	7.930E+02	-	1.822E-03	1.655E-02	-	-	-	-	3.410E-04	-
DECEMBER	-	-	-	-	-	-	-	-	-	-
TOTAL	4.774E+03	3.640E-04	6.738E-03	1.348E-01	1.980E-04	-	-	2.900E-04	4.156E-03	7.260E-04
STD. DEV.	±3.945E+02	±7.900E-05	±2.233E-03	±1.729E-02	-	-	-	-	±1.179E-03	-

	<u>I-131</u>	<u>CS-134</u>	<u>CS-137</u>	<u>CE-141 144</u>	<u>PM-147</u>	<u>B OR G</u>	<u>ALPHA</u>	<u>VOLUME</u>
JANUARY	-	-	4.000E-05	-	-	-	-	9.390E+04
FEBRUARY	2.460E-04	-	-	-	-	1.889E-02	6.000E-06	1.247E+06
MARCH	-	-	-	-	-	3.200E-04	-	1.040E+05
APRIL	-	-	-	-	-	-	-	6.570E+04
MAY	-	-	-	-	-	-	3.000E-06	7.700E+05
JUNE	-	-	-	-	-	2.860E-04	-	1.400E+05
JULY	5.660E-04	-	3.400E-05	6.350E-04	-	2.552E-02	6.000E-06	1.433E+06
AUGUST	-	-	3.200E-05	8.700E-05	-	9.000E-04	-	2.110E+05
SEPTEMBER	-	-	-	8.996E-03	-	6.323E-02	2.400E-05	1.581E+06
OCTOBER	5.980E-04	5.820E-04	6.082E-03	1.667E-03	4.450E-04	3.135E-02	2.310E-04	2.103E+06
NOVEMBER	-	1.310E-04	1.683E-03	3.860E-04	-	1.910E-02	1.400E-05	1.528E+06
DECEMBER	-	-	-	-	-	-	-	-
TOTAL	1.410E-03	7.130E-04	7.871E-03	1.177E-02	4.450E-04	1.596E-01	2.840E-04	9.276E+06
STD. DEV.	±1.946E-04	±3.187E-04	±2.618E-03	±3.760E-03	-	±2.128E-02	±9.030E-05	±7.565E+05

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

**LIQUID
C PROCESS SEWER**

	<u>T</u>	<u>CO-58,60</u>	<u>SR-90</u>	<u>CS-137</u>	<u>OTHER B OR G</u>	<u>ALPHA</u>	<u>WATER VOLUME</u>
JANUARY	9.000E+00	-	-	-	-	-	6.100E+08
FEBRUARY	1.900E+01	-	-	-	1.000E-06	-	5.370E+08
MARCH	1.000E+01	-	-	-	-	-	5.680E+08
APRIL	9.000E+00	-	-	-	1.400E-05	-	5.601E+08
MAY	5.000E+00	-	-	-	-	-	5.780E+08
JUNE	7.000E+00	-	-	-	-	-	4.860E+08
JULY	6.000E+00	-	-	-	-	-	4.240E+08
AUGUST	5.000E+00	-	-	-	-	-	5.640E+08
SEPTEMBER	2.200E+01	-	-	-	3.300E-01	-	5.870E+08
OCTOBER	8.000E+00	-	-	-	-	-	5.980E+08
NOVEMBER	6.000E+00	-	-	-	-	-	5.410E+08
DECEMBER	3.000E+00	-	-	-	1.963E-03	-	5.730E+08
TOTAL	1.090E+02	-	-	-	3.319E-01	-	6.626E+09
STD. DEV.	±5.728E+00	-	-	-	±1.646E-01	-	±5.167E+07

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

**LIQUID
C RX HX COOLING W**

	<u>T</u>	<u>WATER VOLUME</u>
JANUARY	2.250E+02	2.536E+10
FEBRUARY	1.570E+02	2.201E+10
MARCH	4.050E+02	3.244E+10
APRIL	3.760E+02	2.267E+10
MAY	2.210E+02	2.611E+10
JUNE	2.870E+02	2.937E+10
JULY	2.460E+02	2.618E+10
AUGUST	6.790E+02	2.068E+10
SEPTEMBER	5.400E+01	9.485E+09
OCTOBER	2.000E+01	6.880E+09
NOVEMBER	2.070E+02	9.310E+09
DECEMBER	3.240E+02	3.134E+10
TOTAL	3.205E+03	2.618E+11
STD. DEV.	±1.733E+02	±8.760E+09

**LIQUID
690-G SEEPAGE BASIN**

	<u>T</u>	<u>CO-60</u>	<u>SR-90</u>	<u>CS-137</u>	<u>OTHER B OR G</u>	<u>ALPHA</u>	<u>VOLUME</u>
JANUARY	-	-	-	-	-	-	-
FEBRUARY	-	-	-	-	-	-	-
MARCH	-	-	-	-	-	-	-
APRIL	-	-	-	3.000E-06	9.000E-06	-	2.270E+04
MAY	-	-	-	-	-	1.000E-06	2.270E+04
JUNE	-	-	-	-	2.000E-05	1.000E-06	4.452E+04
JULY	-	-	-	-	-	-	-
AUGUST	-	-	-	-	-	-	6.710E+04
SEPTEMBER	-	1.500E-05	-	-	-	-	2.270E+04
OCTOBER	-	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-
DECEMBER	-	-	-	-	-	-	-
TOTAL	-	1.500E-05	-	3.000E-06	2.900E-05	2.000E-06	1.797E+05
STD. DEV.	-	-	-	-	±7.778E-06	-	±1.981E+04

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID K PUPGE TO 904-88G										
	T	P-32	S-35	CR-51	CO-58-60	SR-89	SR-90	Y-91	ZR-95 NB-95	RU-103 106
JANUARY	1.978E+03	-	-	2.600E-02	-	-	-	-	-	-
FEBRUARY	-	-	-	-	-	-	-	-	-	-
MARCH	5.340E+02	-	-	6.950E-04	-	-	-	-	-	-
APRIL	-	-	-	-	-	-	-	-	-	-
MAY	8.620E+02	5.300E-05	-	1.463E-02	-	-	-	-	-	-
JUNE	-	-	-	-	-	-	-	-	-	-
JULY	1.134E+03	-	4.040E-04	4.303E-02	2.090E-04	-	-	-	-	-
AUGUST	2.255E+03	1.730E-04	1.010E-03	7.179E-02	7.810E-04	-	-	-	9.260E-04	-
SEPTEMBER	1.070E+02	-	2.500E-05	7.273E-03	-	-	-	-	6.640E-04	-
OCTOBER	2.252E+03	1.820E-04	3.260E-04	5.029E-02	5.890E-04	-	-	5.350E-04	6.641E-03	1.290E-04
NOVEMBER	8.720E+02	1.520E-04	1.680E-04	7.146E-03	-	-	-	-	2.176E-03	-
DECEMBER	4.200E+01	-	-	2.590E-04	1.260E-04	-	-	-	2.210E-04	-
TOTAL	9.170E+03	5.600E-04	1.933E-03	2.211E-01	1.705E-03	-	-	5.350E-04	1.062E-02	1.290E-04
STD. DEV.	±8.019E+02	±5.934E-05	±3.778E-04	±2.524E-02	±3.107E-04	-	-	-	±2.626E-03	-

	GB-124 125	I-131	CS-134	CS-137	CE-141 144	PM-147	B OR G	ALPHA	VOLUME
JANUARY	2.706E-03	-	4.050E-04	7.906E-03	-	-	2.600E-02	1.300E-05	2.310E+06
FEBRUARY	-	-	-	-	-	-	-	-	-
MARCH	4.720E-04	-	-	3.820E-04	-	-	6.950E-04	1.000E-06	8.780E+05
APRIL	-	-	-	-	-	-	-	-	-
MAY	3.590E-04	2.250E-04	1.061E-03	1.263E-02	-	-	1.490E-02	7.000E-06	1.650E+06
JUNE	-	-	-	-	-	-	-	-	-
JULY	1.350E-03	2.810E-04	-	1.195E-03	3.460E-04	-	4.406E-02	3.600E-05	1.617E+06
AUGUST	4.605E-03	-	-	5.838E-03	2.866E-03	-	7.677E-02	1.420E-04	3.592E+06
SEPTEMBER	-	1.280E-04	-	5.800E-05	1.825E-03	-	9.915E-03	1.300E-05	1.976E+05
OCTOBER	3.210E-03	1.940E-04	5.500E-04	1.496E-02	4.380E-03	1.099E-03	6.255E-02	1.170E-04	4.603E+06
NOVEMBER	1.326E-03	-	8.420E-04	1.003E-02	4.663E-03	-	1.430E-02	3.500E-05	1.265E+06
DECEMBER	-	-	-	2.100E-05	6.880E-04	2.030E-04	1.168E-03	6.000E-06	9.650E+04
TOTAL	1.358E-02	8.280E-04	3.058E-03	5.304E-02	1.476E-02	1.302E-03	2.503E-01	3.700E-04	1.682E+07
STD. DEV.	±1.432E-03	±6.379E-05	±2.347E-04	±5.810E-03	±1.828E-03	±6.335E-04	±2.735E-02	±5.194E-05	±1.486E+06

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID K PROCESS SEWER							
	T	CO-58,60	SR-90	CS-137	OTHER B OR G	ALPHA	WATER VOLUME
JANUARY	1.900E+01	1.470E-03	1.410E-03	2.070E-03	3.140E-03	2.400E-05	4.950E+08
FEBRUARY	3.000E+00	-	-	-	-	-	4.060E+08
MARCH	9.000E+00	-	-	3.800E-04	2.300E-05	-	4.940E+08
APRIL	3.000E+00	-	-	-	-	-	4.620E+08
MAY	3.000E+00	-	-	-	-	-	4.390E+08
JUNE	5.000E+00	-	-	-	-	-	4.160E+08
JULY	5.000E+00	-	-	-	-	-	4.850E+08
AUGUST	5.000E+00	-	-	-	-	-	5.530E+08
SEPTEMBER	1.400E+01	-	-	-	-	-	5.400E+08
OCTOBER	1.200E+01	-	-	-	-	-	5.680E+08
NOVEMBER	3.000E+00	-	-	-	-	-	5.560E+08
DECEMBER	4.000E+00	-	-	-	2.007E-03	-	5.600E+08
TOTAL	8.500E+01	1.470E-03	1.410E-03	2.450E-03	5.170E-03	2.400E-05	5.974E+09
STD. DEV.	±5.222E+00	-	-	±1.195E-03	±1.577E-03	-	±5.804E+07

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID K RX HX COOLING W		
	T	WATER VOLUME
JANUARY	4.280E+02	2.423E+10
FEBRUARY	1.330E+02	1.963E+10
MARCH	3.790E+02	2.911E+10
APRIL	1.630E+02	1.993E+10
MAY	2.720E+02	2.493E+10
JUNE	6.700E+01	1.042E+10
JULY	5.280E+02	2.656E+10
AUGUST	3.540E+02	2.425E+10
SEPTEMBER	4.840E+02	3.193E+10
OCTOBER	5.670E+02	2.510E+10
NOVEMBER	2.000E+02	1.925E+10
DECEMBER	4.220E+02	3.166E+10
TOTAL	3.928E+03	2.883E+11
STD. DEV.	±1.661E+02	±5.988E+09

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
P PURGE TO SEEPAGE BASIN

	<u>I</u>	<u>P-32</u>	<u>S-35</u>	<u>CR-51</u>	<u>CO-58,60</u>	<u>SR-89</u>	<u>SR-90</u>	<u>Y-91</u>	<u>ZR-95 NR-95</u>	<u>RU-103 106</u>
JANUARY	1.500E+01	1.100E-05	-	-	-	-	-	-	-	-
FEBRUARY	8.120E+02	-	-	2.920E-03	-	-	-	-	-	-
MARCH	2.200E+01	-	-	7.500E-05	-	-	-	-	-	-
APRIL	9.140E+02	-	8.470E-04	7.938E-03	-	-	-	-	-	-
MAY	1.840E+02	2.400E-05	-	3.250E-04	-	-	-	-	-	-
JUNE	2.530E+02	4.000E-05	2.350E-04	3.183E-03	-	-	-	-	-	-
JULY	3.300E+01	6.000E-06	9.000E-06	7.340E-04	-	-	-	-	-	-
AUGUST	1.047E+03	1.550E-04	3.320E-04	4.148E-02	-	-	-	-	2.693E-03	1.030E-04
SEPTEMBER	1.605E+03	7.080E-04	7.730E-04	4.241E-02	-	-	-	-	1.244E-03	-
OCTOBER	-	-	-	-	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-	-	-	-
DECEMBER	6.930E+02	-	8.000E-06	7.553E-03	-	-	-	-	-	-
TOTAL	5.578E+03	9.440E-04	2.204E-03	1.066E-01	-	-	-	-	3.937E-03	1.030E-04
STD. DEV.	±5.411E+02	±2.753E-04	±3.663E-04	±1.730E-02	-	-	-	-	±1.024E-03	-

	<u>SB-124 125</u>	<u>I-131</u>	<u>CS-134</u>	<u>CS-137</u>	<u>CE-141 144</u>	<u>PM-147</u>	<u>B OR G</u>	<u>ALPHA</u>	<u>VOLUME</u>
JANUARY	-	-	-	-	-	-	1.100E-05	-	3.200E+04
FEBRUARY	-	9.876E-03	1.600E-04	2.140E-03	-	-	1.279E-02	5.000E-06	2.120E+06
MARCH	-	-	-	1.500E-05	-	-	7.500E-05	-	5.300E+04
APRIL	-	4.122E-03	-	1.584E-03	-	-	1.290E-02	6.000E-06	2.200E+06
MAY	-	1.520E-04	-	-	-	-	5.010E-04	-	3.600E+05
JUNE	2.150E-04	3.600E-04	-	7.600E-05	-	-	4.033E-03	1.000E-06	5.410E+05
JULY	-	-	-	1.100E-05	-	-	7.490E-04	1.000E-06	4.560E+04
AUGUST	-	-	-	1.150E-04	9.533E-03	-	5.419E-02	3.300E-05	1.735E+06
SEPTEMBER	-	-	4.970E-04	6.575E-03	1.003E-03	-	4.614E-02	2.400E-05	3.305E+06
OCTOBER	-	-	-	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-	-	-
DECEMBER	-	5.280E-04	5.080E-04	4.333E-03	-	-	8.089E-03	7.600E-05	1.570E+06
TOTAL	2.150E-04	1.503E-02	1.165E-03	1.484E-02	1.053E-02	-	1.395E-01	1.460E-04	1.196E+07
STD. DEV.	-	±4.175E-03	±1.978E-04	±2.436E-03	±6.031E-03	-	±1.981E-02	±2.726E-05	±1.147E+06

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
P PROCESS SEWER

	<u>I</u>	<u>CO-58,60</u>	<u>SR-90</u>	<u>CS-137</u>	<u>OTHER B OR G</u>	<u>ALPHA</u>	<u>WATER VOLUME</u>
JANUARY	2.300E+01	-	-	-	-	-	4.710E+08
FEBRUARY	1.500E+01	-	-	-	-	-	3.630E+08
MARCH	1.600E+01	-	-	-	-	-	4.200E+08
APRIL	2.800E+01	-	-	-	-	-	4.200E+08
MAY	2.100E+01	-	-	-	-	-	4.010E+08
JUNE	1.300E+01	-	-	-	-	-	3.500E+08
JULY	1.400E+01	-	-	-	-	-	3.500E+08
AUGUST	5.500E+01	-	-	-	-	-	4.200E+08
SEPTEMBER	1.200E+01	-	-	-	-	-	2.800E+08
OCTOBER	2.400E+01	-	-	-	-	-	1.900E+08
NOVEMBER	2.000E+01	8.300E-05	-	-	1.410E-03	-	3.100E+08
DECEMBER	1.300E+01	-	-	-	1.846E-03	-	4.620E+08
TOTAL	2.540E+02	8.300E-05	-	-	3.256E-03	-	4.437E+09
STD. DEV.	±1.182E+01	-	-	-	±3.082E-04	-	±8.094E+07

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
P RX HX COOLING W

	<u>I</u>	<u>WATER VOLUME</u>
JANUARY	2.530E+02	2.388E+10
FEBRUARY	1.870E+02	2.357E+10
MARCH	3.560E+02	3.162E+10
APRIL	2.470E+02	2.544E+10
MAY	2.540E+02	2.198E+10
JUNE	3.400E+01	2.850E+09
JULY	4.600E+01	6.540E+09
AUGUST	1.420E+02	2.050E+10
SEPTEMBER	3.990E+02	3.261E+10
OCTOBER	2.200E+02	2.542E+10
NOVEMBER	1.330E+02	2.172E+10
DECEMBER	3.120E+02	3.320E+10
TOTAL	2.591E+03	2.693E+11
STD. DEV.	±1.132E+02	±9.371E+09

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

ATMOSPHERIC
200-F STACKS

	SP-89									
	90	ZR-95	NB-95	RU-103	RU-106	I-131	CS-134	CS-137	CE-141	
T										
JANUARY	1.600E-04	4.200E-05	1.690E-04	-	9.360E-04	3.800E-05	-	7.100E-05	-	
FEBRUARY	7.600E-05	7.600E-05	3.780E-04	1.000E-05	1.559E-03	1.600E-04	2.000E-06	1.120E-04	-	
MARCH	9.900E-05	1.750E-04	1.055E-03	2.100E-05	1.648E-03	1.300E-04	-	1.350E-04	-	
APRIL	2.890E-04	2.700E-04	6.090E-04	2.600E-05	1.508E-03	1.000E-04	-	1.360E-04	-	
MAY	9.400E-05	2.680E-04	3.710E-04	2.200E-05	2.051E-03	1.600E-04	-	8.000E-05	-	
JUNE	2.720E-04	7.820E-04	1.240E-03	6.200E-05	3.522E-03	7.600E-05	-	1.520E-04	-	
JULY	2.600E-05	9.530E-04	1.093E-03	2.800E-05	1.975E-03	6.800E-05	-	1.210E-04	-	
AUGUST	5.500E-04	2.017E-03	1.819E-03	1.180E-04	3.342E-03	1.130E-04	-	2.620E-04	-	
SEPTEMBER	3.450E-04	3.737E-03	3.557E-03	2.450E-04	3.590E-03	3.870E-04	6.000E-06	1.700E-04	2.500E-05	
OCTOBER	3.090E-04	1.449E-03	2.912E-03	4.560E-04	3.728E-03	3.870E-04	1.660E-04	4.580E-04	5.600E-05	
NOVEMBER	1.320E-04	1.632E-03	2.780E-03	2.110E-04	2.025E-03	1.860E-04	7.000E-06	1.670E-04	3.000E-05	
DECEMBER	2.500E-05	1.370E-03	1.447E-03	5.100E-05	1.022E-03	1.290E-04	-	6.800E-05	-	
TOTAL	2.377E-03	1.277E-02	1.743E-02	1.250E-03	2.690E-02	1.934E-03	1.810E-04	1.932E-03	1.110E-04	
STD. DEV.	±1.573E-04	±1.078E-03	±1.106E-03	±1.390E-04	±1.026E-03	±1.135E-04	±8.052E-05	±1.075E-04	±1.664E-05	

	CE-144	OTHER B OR G	AM-241 241	CM-242 244	U-235 238	PU-238 239	PU-238	PU-239	OTHER ALPHA	TOTAL ALPHA
JANUARY	2.880E-04	1.700E-04	2.360E-04	3.530E-04	1.300E-05	5.200E-05	2.600E-05	2.600E-05	-	6.540E-04
FEBRUARY	4.150E-04	3.000E-05	2.700E-05	2.800E-05	1.820E-04	1.000E-05	5.000E-06	5.000E-06	-	2.490E-04
MARCH	1.143E-03	1.570E-04	2.730E-04	2.730E-04	3.600E-04	1.900E-05	6.000E-06	1.300E-05	-	9.250E-04
APRIL	7.290E-04	-	3.000E-05	2.900E-05	3.060E-04	8.000E-05	2.900E-05	5.100E-05	-	-
MAY	3.990E-04	-	1.500E-05	1.600E-05	4.020E-04	4.700E-05	2.000E-05	2.700E-05	-	-
JUNE	8.580E-04	1.100E-05	3.100E-05	3.000E-05	5.520E-04	8.500E-05	2.400E-05	6.100E-05	-	-
JULY	8.250E-04	-	4.800E-05	1.700E-05	4.310E-04	4.700E-05	1.600E-05	3.100E-05	-	-
AUGUST	1.088E-03	8.000E-06	9.800E-05	2.800E-05	2.760E-04	7.400E-05	2.600E-05	4.800E-05	-	-
SEPTEMBER	1.537E-03	-	5.100E-05	1.200E-05	3.170E-04	8.900E-05	3.200E-05	5.700E-05	-	-
OCTOBER	2.435E-03	8.000E-06	1.770E-04	7.300E-05	3.280E-04	4.200E-05	1.600E-05	2.600E-05	-	-
NOVEMBER	1.495E-03	-	3.900E-05	1.000E-05	2.010E-04	2.600E-05	1.000E-05	1.600E-05	-	-
DECEMBER	2.690E-04	-	1.200E-05	7.000E-06	5.000E-05	4.400E-05	7.000E-06	3.700E-05	-	-
TOTAL	1.148E-02	3.840E-04	1.039E-03	8.760E-04	3.418E-03	6.150E-04	2.170E-04	3.980E-04	-	1.828E-03
STD. DEV.	±6.372E-04	±7.761E-05	±9.080E-05	±1.146E-04	±1.543E-04	±2.604E-05	±9.491E-06	±1.792E-05	-	±3.402E-04

AIR
VOLUME

JANUARY	3.273E+11
FEBRUARY	3.273E+11
MARCH	4.092E+11
APRIL	3.273E+11
MAY	3.273E+11
JUNE	4.092E+11
JULY	3.273E+11
AUGUST	4.092E+11
SEPTEMBER	3.273E+11
OCTOBER	3.273E+11
NOVEMBER	4.092E+11
DECEMBER	3.273E+11
TOTAL	4.255E+12
STD. DEV.	±4.029E+10

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

ATMOSPHERIC
200-H STACKS

	<u>I</u>	<u>SR-89</u> <u>90</u>	<u>ZR-95</u>	<u>NB-95</u>	<u>RU-103</u>	<u>RU-106</u>	<u>I-131</u>	<u>CS-134</u>	<u>CS-137</u>	<u>CE-141</u>
JANUARY	1.462E+04	-	-	3.000E-06	2.500E-05	3.540E-04	1.990E-04	-	1.200E-05	-
FEBRUARY	9.524E+03	-	-	-	7.000E-06	6.376E-03	3.110E-04	-	9.000E-06	-
MARCH	1.066E+04	-	-	-	-	2.180E-03	2.040E-04	-	1.200E-05	-
APRIL	1.448E+04	-	-	-	-	4.600E-04	5.120E-04	-	1.000E-05	-
MAY	1.023E+04	-	-	-	5.000E-06	1.612E-03	1.890E-04	-	1.800E-05	-
JUNE	1.302E+04	-	2.200E-05	2.400E-05	5.000E-05	1.805E-03	3.350E-04	8.000E-06	5.200E-05	-
JULY	1.102E+04	3.000E-05	1.800E-05	1.700E-05	3.000E-06	1.099E-03	1.110E-04	2.300E-05	9.100E-05	-
AUGUST	1.094E+04	5.100E-05	3.180E-04	1.480E-04	1.350E-04	3.865E-03	1.780E-04	5.200E-05	1.340E-04	-
SEPTEMBER	1.248E+04	3.900E-05	1.200E-04	8.100E-05	1.090E-04	5.628E-03	2.820E-04	3.900E-05	1.350E-04	-
OCTOBER	1.396E+04	2.800E-05	2.130E-04	1.640E-04	4.000E-05	4.162E-03	5.500E-04	4.100E-05	9.200E-05	-
NOVEMBER	8.884E+03	1.700E-05	2.500E-05	3.400E-05	2.600E-05	3.567E-03	2.020E-04	1.400E-05	5.500E-05	-
DECEMBER	1.053E+04	3.700E-05	2.400E-05	1.600E-05	5.000E-06	1.822E-03	2.140E-04	2.200E-05	8.000E-05	-
TOTAL	1.404E+05	2.020E-04	7.400E-04	4.870E-04	4.050E-04	3.293E-02	3.287E-03	1.990E-04	7.000E-04	-
STD. DEV.	±1.964E+03	±1.151E-05	±1.187E-04	±6.324E-05	±4.620E-05	±1.963E-03	±1.349E-04	±1.592E-05	±4.768E-05	-

	<u>CE-144</u>	<u>OTHER</u> <u>B OR G</u>	<u>AM-241</u> <u>243</u>	<u>CM-242</u> <u>244</u>	<u>U-235</u> <u>238</u>	<u>PU-238</u> <u>239</u>	<u>PU-238</u>	<u>PU-239</u>	<u>OTHER</u> <u>ALPHA</u>	<u>TOTAL</u> <u>ALPHA</u>
JANUARY	-	-	3.000E-06	4.000E-06	1.900E-05	7.400E-05	5.200E-05	2.200E-05	-	1.000E-04
FEBRUARY	-	-	4.000E-06	3.000E-06	1.500E-05	6.000E-05	3.000E-05	3.000E-05	-	8.200E-05
MARCH	-	-	1.000E-06	2.000E-06	2.900E-05	1.150E-04	8.000E-05	3.500E-05	-	1.470E-04
APRIL	-	-	3.000E-06	3.000E-06	3.800E-05	1.840E-04	1.250E-04	5.900E-05	-	-
MAY	8.100E-05	-	2.000E-06	2.000E-06	6.800E-05	2.570E-04	1.240E-04	1.330E-04	-	-
JUNE	1.650E-04	5.500E-05	5.000E-06	5.000E-06	4.200E-05	9.930E-04	8.850E-04	1.080E-04	-	-
JULY	1.640E-04	9.800E-05	9.000E-06	1.000E-06	5.600E-05	1.660E-04	9.500E-05	7.100E-05	-	-
AUGUST	1.074E-03	-	4.000E-06	-	7.100E-05	1.970E-04	1.440E-04	5.300E-05	-	-
SEPTEMBER	9.700E-04	-	2.000E-06	-	6.500E-05	5.190E-04	4.330E-04	8.600E-05	-	-
OCTOBER	7.020E-04	-	1.000E-06	-	6.300E-05	2.830E-04	2.210E-04	6.200E-05	-	-
NOVEMBER	4.130E-04	-	-	-	8.800E-05	3.130E-04	2.080E-04	1.050E-04	-	-
DECEMBER	4.880E-04	-	-	-	4.200E-05	2.220E-04	1.490E-04	7.300E-05	-	-
TOTAL	4.057E-03	1.530E-04	3.400E-05	2.000E-05	5.960E-04	3.383E-03	2.546E-03	8.370E-04	-	3.290E-04
STD. DEV.	±3.778E-04	±3.040E-05	±2.366E-06	±1.345E-06	±2.243E-05	±2.554E-04	±2.365E-04	±3.371E-05	-	±3.356E-05

ATR
VOLUME

JANUARY	2.283E+11
FEBRUARY	2.243E+11
MARCH	2.854E+11
APRIL	2.283E+11
MAY	2.283E+11
JUNE	2.852E+11
JULY	2.283E+11
AUGUST	2.854E+11
SEPTEMBER	2.283E+11
OCTOBER	2.283E+11
NOVEMBER	2.854E+11
DECEMBER	2.283E+11
TOTAL	2.968E+12
STD. DEV.	±2.808E+10

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
200-F SEEPAGE BASIN

	<u>I</u>	<u>CP-51</u>	<u>C0-58</u>	<u>C0-60</u>	<u>SR-89</u> <u>90</u>	<u>SR-89</u>	<u>SR-90</u>	<u>ZR-95</u>	<u>NB-95</u>	<u>RU-103</u>
JANUARY	4.207E+02	-	-	-	3.086E-03	1.000E-03	2.000E-03	2.864E-02	4.003E-02	-
FEBRUARY	7.525E+02	-	-	-	2.654E-03	-	3.000E-03	7.076E-02	3.522E-02	9.335E-03
MARCH	6.873E+02	-	-	-	2.140E-03	-	2.000E-03	4.415E-02	1.773E-02	4.584E-02
APRIL	7.839E+02	-	-	-	1.798E-03	-	2.000E-03	1.661E-01	8.607E-02	6.281E-02
MAY	6.546E+02	-	-	-	2.315E-03	-	2.000E-03	8.392E-02	4.296E-02	2.514E-02
JUNE	3.748E+02	-	-	-	4.462E-04	-	-	1.022E-01	6.912E-02	2.352E-02
JULY	2.395E+02	-	-	-	1.021E-03	-	1.000E-03	3.247E-02	2.283E-02	6.739E-03
AUGUST	3.470E+02	-	-	-	8.512E-04	1.000E-03	1.200E-02	4.585E-01	3.167E-01	5.255E-02
SEPTEMBER	3.794E+02	-	-	-	2.490E-03	-	4.000E-03	4.423E-01	2.057E-01	1.273E-01
OCTOBER	3.391E+02	-	-	-	-	-	2.000E-03	1.303E+00	8.003E-01	7.877E-01
NOVEMBER	3.087E+02	-	-	-	1.686E-03	1.000E-03	1.000E-03	2.979E-01	2.062E-01	8.940E-02
DECEMBER	3.468E+01	-	-	-	6.103E-04	-	1.000E-03	5.121E-02	5.220E-02	3.103E-03
TOTAL	5.322E+03	-	-	-	1.910E-02	3.000E-03	3.200E-02	3.081E+00	1.895E+00	1.233E+00
STD. DEV.	±2.280E+02	-	-	-	±8.924E-04	-	±3.144E-03	±3.641E-01	±2.229E-01	±2.272E-01

	<u>PU-106</u>	<u>I-131</u>	<u>CS-134</u>	<u>CS-137</u>	<u>CE-141</u>	<u>CE-144</u>	<u>PM-147</u>	<u>OTHER</u> <u>B OR G</u>	<u>AM-241</u> <u>243</u>	<u>CM-242</u> <u>244</u>
JANUARY	3.303E-02	-	2.055E-03	1.460E-01	-	3.680E-03	-	-	1.000E-03	1.000E-03
FEBRUARY	1.147E+00	-	-	2.839E-02	-	-	-	-	-	1.000E-03
MARCH	2.043E+00	-	-	3.307E-02	-	8.000E-03	-	-	-	-
APRIL	2.871E+00	-	-	6.697E-03	-	-	-	-	5.247E-04	5.269E-04
MAY	1.774E+00	-	-	1.268E-02	-	-	-	-	7.116E-04	7.118E-04
JUNE	1.159E+00	-	-	1.048E-02	-	3.216E-03	-	-	1.432E-03	9.416E-04
JULY	4.031E-01	-	-	8.163E-03	-	-	-	-	1.469E-03	8.397E-04
AUGUST	1.773E+00	-	-	1.551E-02	-	-	2.300E-02	-	2.741E-03	5.131E-04
SEPTEMBER	1.429E+00	-	-	4.317E-03	-	-	6.000E-03	-	7.417E-03	1.374E-03
OCTOBER	5.015E+00	-	-	9.250E-03	-	-	5.800E-02	3.170E-03	3.176E-03	7.095E-04
NOVEMBER	7.623E-01	-	-	-	-	-	-	-	6.529E-04	1.503E-04
DECEMBER	3.707E-02	-	-	1.850E-03	-	-	-	-	7.943E-04	1.511E-04
TOTAL	1.844E+01	-	2.055E-03	2.754E-01	-	1.489E-02	8.700E-02	3.170E-03	1.992E-02	7.918E-03
STD. DEV.	±1.380E+00	-	-	±4.094E-02	-	±2.638E-03	±2.651E-02	-	±2.107E-03	±3.710E-04

	<u>U-235</u> <u>238</u>	<u>PU-238</u>	<u>PU-239</u>	<u>TOTAL</u> <u>ALPHA</u>	<u>WATER</u> <u>VOLUME</u>
JANUARY	6.000E-03	-	1.000E-03	9.063E-03	1.888E+07
FEBRUARY	1.700E-02	-	4.000E-03	2.186E-02	2.487E+07
MARCH	1.600E-02	-	-	1.590E-02	3.367E+07
APRIL	2.860E-02	1.244E-04	1.290E-04	2.991E-02	2.119E+07
MAY	3.897E-02	3.982E-04	3.982E-04	4.115E-02	2.015E+07
JUNE	1.170E-02	4.759E-04	5.826E-04	1.513E-02	9.059E+06
JULY	5.479E-03	2.701E-04	3.366E-04	8.395E-03	7.371E+06
AUGUST	1.556E-02	5.487E-04	5.476E-04	1.991E-02	8.840E+06
SEPTEMBER	1.245E-02	4.837E-04	4.848E-04	2.221E-02	1.182E+07
OCTOBER	1.496E-02	1.335E-03	1.753E-03	2.194E-02	1.928E+07
NOVEMBER	1.426E-02	6.357E-04	9.505E-04	1.665E-02	1.098E+07
DECEMBER	6.152E-04	8.340E-05	1.114E-04	1.755E-03	7.249E+06
TOTAL	1.815E-01	4.356E-03	1.029E-02	2.239E-01	1.934E+08
STD. DEV.	±1.026E-02	±3.700E-04	±1.118E-03	±1.033E-02	±8.244E+06

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
200-H SEFPAGE BASIN

	<u>I</u>	<u>CR-51</u>	<u>CO-58</u>	<u>CO-60</u>	<u>ZN-65</u>	<u>SR-89</u> <u>90</u>	<u>SP-89</u>	<u>SR-90</u>	<u>ZR-95</u>	<u>NR-95</u>
JANUARY	3.974E+01	1.115E-02	-	4.873E-03	-	1.070E-02	3.000E-03	8.000E-03	1.034E-03	2.039E-03
FEBRUARY	2.342E+01	7.288E-02	-	1.152E-02	1.141E-02	2.178E-02	4.000E-03	1.800E-02	-	8.151E-04
MARCH	1.607E+01	5.469E-02	-	3.701E-02	1.132E-02	2.187E-02	6.000E-03	1.600E-02	-	-
APRIL	1.345E+01	1.586E-02	-	2.614E-02	9.804E-03	1.514E-02	1.100E-02	4.000E-03	9.605E-04	2.245E-03
MAY	2.178E+02	5.715E-02	-	1.535E-02	6.604E-03	1.693E-02	-	1.700E-02	1.476E-03	2.431E-03
JUNE	4.528E+02	4.092E-02	-	7.320E-03	5.308E-03	7.629E-03	-	8.000E-03	3.280E-04	5.718E-04
JULY	7.208E+02	8.799E-02	-	1.436E-02	9.400E-03	1.161E-02	-	1.200E-02	-	8.840E-04
AUGUST	1.254E+03	1.396E-01	-	2.646E-02	2.081E-02	1.232E-02	-	-	-	1.335E-03
SEPTEMBER	9.815E+02	1.593E-01	-	1.445E-02	3.749E-03	6.862E-03	4.000E-03	3.000E-03	-	-
OCTOBER	1.655E+03	2.836E-01	-	2.849E-02	1.946E-02	-	4.000E-03	7.000E-03	6.996E-03	1.344E-02
NOVEMBER	9.793E+02	1.189E-01	-	2.344E-02	2.945E-02	1.488E-02	4.000E-03	1.100E-02	3.969E-04	1.506E-03
DECEMBER	1.659E+03	6.303E-02	-	9.511E-03	1.275E-02	1.532E-02	6.000E-03	9.000E-03	-	5.062E-04
TOTAL	8.020E+03	1.085E+00	-	2.189E-01	1.401E-01	1.550E-01	4.200E-02	1.130E-01	1.119E-02	2.577E-02
STD. DEV.	±6.332E+02	±7.429E-02	-	±9.870E-03	±7.661E-03	±4.959E-03	±2.549E-03	±5.061E-03	±2.549E-03	±3.878E-03

	<u>PU-103</u>	<u>RU-106</u>	<u>SB-124</u> <u>125</u>	<u>I-131</u>	<u>CS-134</u>	<u>CS-137</u>	<u>CE-141</u>	<u>CE-144</u>	<u>PM-147</u>	<u>OTHER</u> <u>B OR G</u>
JANUARY	8.834E-03	6.156E-02	-	-	8.399E-03	1.191E-01	-	5.147E-03	-	3.084E-02
FEBRUARY	6.953E-03	6.782E-02	-	-	7.214E-03	9.876E-02	-	1.810E-02	-	2.173E-03
MARCH	1.552E-03	6.706E-02	-	-	4.661E-03	1.056E-01	-	1.973E-02	-	2.678E-03
APRIL	-	4.922E-02	-	-	7.668E-03	1.372E-01	-	2.566E-02	-	4.939E-03
MAY	8.917E-04	7.318E-02	-	-	9.215E-03	1.676E-01	-	2.420E-02	-	4.423E-03
JUNE	9.054E-04	2.420E-02	-	-	5.131E-03	1.151E-01	-	1.371E-02	-	1.650E-03
JULY	-	5.650E-02	-	-	1.098E-02	2.674E-01	-	2.606E-02	-	1.639E-03
AUGUST	-	9.637E-03	-	-	5.731E-03	1.099E-01	-	9.543E-03	-	2.800E-03
SEPTEMBER	-	2.337E-01	-	-	-	7.764E-02	-	-	1.000E-02	4.511E-02
OCTOBER	5.823E-04	4.154E-01	2.675E-03	-	1.847E-03	8.927E-02	-	2.959E-02	2.000E-02	3.155E-02
NOVEMBER	-	1.136E-01	6.207E-04	-	2.761E-03	8.191E-02	-	1.221E-02	-	1.457E-02
DECEMBER	-	1.713E-01	-	-	9.104E-04	7.080E-02	-	1.833E-01	4.000E-03	2.124E-03
TOTAL	1.772E-02	1.343E+00	3.296E-03	-	6.453E-02	1.440E+00	-	3.672E-01	3.400E-02	1.446E-01
STD. DEV.	±3.631E-03	±1.142E-01	±1.452E-03	-	±3.182E-03	±5.367E-02	-	±5.030E-02	±8.082E-03	±1.515E-02

	<u>AM-241</u> <u>241</u>	<u>CM-242</u> <u>244</u>	<u>U-235</u> <u>238</u>	<u>PU-238</u>	<u>PU-239</u>	<u>TOTAL</u> <u>ALPHA</u>	<u>WATER</u> <u>VOLUME</u>
JANUARY	-	-	-	1.000E-03	-	9.376E-04	1.530E+07
FEBRUARY	-	1.000E-03	-	-	-	1.262E-03	1.554E+07
MARCH	-	-	1.000E-03	1.000E-03	-	1.663E-03	1.554E+07
APRIL	1.891E-04	1.860E-04	3.418E-04	7.282E-04	6.661E-04	2.111E-03	1.182E+07
MAY	3.204E-04	3.210E-04	5.703E-04	9.648E-04	5.381E-04	2.714E-03	5.110E+06
JUNE	1.160E-04	1.160E-04	1.676E-04	3.046E-04	2.003E-04	9.046E-04	3.244E+06
JULY	3.641E-04	3.084E-04	2.346E-03	1.832E-03	1.807E-03	6.660E-03	5.666E+06
AUGUST	3.733E-04	4.842E-05	1.175E-03	1.026E-03	7.290E-04	3.409E-03	3.097E+07
SEPTEMBER	4.204E-04	7.752E-05	7.247E-04	6.199E-04	4.237E-04	2.266E-03	2.705E+07
OCTOBER	3.994E-04	5.650E-05	7.421E-04	1.255E-03	7.302E-04	3.183E-03	1.466E+07
NOVEMBER	2.375E-04	5.068E-05	1.519E-03	2.221E-04	2.215E-04	2.250E-03	6.389E+06
DECEMBER	1.560E-04	3.669E-05	8.910E-04	4.601E-04	3.893E-04	1.933E-03	1.466E+07
TOTAL	2.578E-03	2.201E-03	9.478E-03	9.413E-03	5.705E-03	2.929E-02	1.659E+08
STD. DEV.	±1.138E-04	±2.938E-04	±6.280E-04	±4.613E-04	±4.830E-04	±1.549E-03	±8.486E+06

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

	LIQUID 200-F EFFLUENT					
	T	SR-89 90	CS-134 137	OTHER B OR G	TOTAL ALPHA	WATER VOLUME
JANUARY	1.000E+00	4.500E-04	6.700E-04	1.910E-03	2.700E-04	1.610E+08
FEBRUARY	-	2.200E-04	3.800E-04	2.750E-03	1.500E-04	1.563E+08
MARCH	1.000E+00	5.600E-04	1.075E-02	4.940E-03	4.000E-04	2.584E+08
APRIL	1.000E+00	5.000E-05	4.130E-03	2.750E-03	2.400E-04	2.068E+08
MAY	1.000E+00	3.000E-05	1.180E-03	4.630E-03	1.600E-04	1.424E+08
JUNE	1.000E+00	-	1.050E-03	3.540E-03	1.300E-04	1.611E+08
JULY	1.000E+00	6.600E-04	1.250E-03	3.310E-03	2.300E-04	1.385E+08
AUGUST	1.000E+00	6.700E-04	1.530E-03	2.880E-03	1.700E-04	1.348E+08
SEPTEMBER	2.000E+00	1.220E-03	1.450E-03	6.860E-03	1.600E-04	2.078E+08
OCTOBER	1.000E+00	4.000E-05	1.130E-03	1.561E-02	4.600E-04	2.255E+08
NOVEMBER	1.000E+00	8.500E-04	6.300E-04	3.900E-03	3.500E-04	1.563E+08
DECEMBER	-	1.420E-03	7.300E-04	3.300E-03	4.000E-04	2.128E+08
TOTAL	1.100E+01	6.170E-03	2.438E-02	5.638E-02	3.120E-03	2.141E+09
STD. DEV.	±3.162E-01	±4.712E-04	±2.897E-03	±3.672E-03	±1.151E-04	±4.169E+07

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

	LIQUID 200-H EFFLUENT					
	I	SR-89 90	CS-134 137	OTHER B OR G	TOTAL ALPHA	WATER VOLUME
JANUARY	4.000E+00	4.000E-04	7.600E-04	1.050E-03	1.500E-04	9.855E+07
FEBRUARY	7.000E+00	1.020E-03	9.500E-04	8.100E-04	2.200E-04	1.563E+08
MARCH	8.000E+00	1.500E-04	1.360E-03	6.600E-04	1.800E-04	1.818E+08
APRIL	2.200E+01	2.600E-04	4.500E-04	7.470E-03	1.110E-03	2.940E+08
MAY	7.000E+00	-	5.300E-04	2.330E-03	4.100E-04	1.388E+08
JUNE	3.000E+00	1.500E-04	4.700E-04	1.180E-03	9.000E-05	8.771E+07
JULY	2.000E+00	1.300E-04	1.900E-04	5.900E-04	4.000E-05	5.259E+07
AUGUST	1.000E+00	-	4.000E-05	4.000E-05	-	4.930E+06
SEPTEMBER	3.000E+00	1.300E-04	1.000E-04	1.700E-04	1.000E-05	4.272E+07
OCTOBER	5.000E+00	-	2.100E-04	6.600E-04	8.000E-05	1.012E+08
NOVEMBER	5.000E+00	-	-	9.700E-04	9.000E-05	1.190E+08
DECEMBER	6.000E+00	6.000E-05	4.300E-04	9.100E-04	1.000E-04	1.372E+08
TOTAL	7.300E+01	2.300E-03	5.490E-03	1.684E-02	2.480E-03	1.414E+09
STD. DEV.	±5.451E+00	±3.137E-04	±3.963E-04	±1.994E-03	±3.128E-04	±7.484E+07

- LESS THAN SENSITIVITY OF ANALYSES

RAW MATERIALS AREA RADIOACTIVE RELEASES FOR 1980

ATMOSPHERIC 313-M			CURIES - (VOLUME, LITERS) ATMOSPHERIC 321-M			ATMOSPHERIC 322-M STACKS			
	AIR U-235 VOLUME		TOTAL ALPHA	AIR VOLUME		T	TOTAL ALPHA	AIR VOLUME	
JANUARY	-	7.438E+10	JANUARY	1.188E-06	3.744E+10	JANUARY	-	8.300E-08	6.199E+07
FEBRUARY	-	7.438E+10	FEBRUARY	3.600E-08	3.744E+10	FEBRUARY	-	6.000E-09	6.199E+07
MARCH	4.000E-09	7.438E+10	MARCH	1.920E-07	3.744E+10	MARCH	-	1.230E-07	6.199E+07
APRIL	-	7.438E+10	APRIL	2.000E-09	3.744E+10	APRIL	-	5.000E-09	6.199E+07
MAY	-	7.438E+10	MAY	1.370E-07	3.744E+10	MAY	-	1.220E-07	6.199E+07
JUNE	-	7.438E+10	JUNE	1.270E-07	3.744E+10	JUNE	-	1.020E-07	6.199E+07
JULY	6.400E-08	7.438E+10	JULY	1.290E-07	3.744E+10	JULY	-	-	6.199E+07
AUGUST	2.000E-08	7.438E+10	AUGUST	1.000E-08	3.744E+10	AUGUST	-	1.050E-07	6.199E+07
SEPTEMBER	-	7.438E+10	SEPTEMBER	1.000E-07	3.744E+10	SEPTEMBER	-	5.000E-08	6.199E+07
OCTOBER	-	7.438E+10	OCTOBER	1.000E-06	3.744E+10	OCTOBER	-	5.000E-08	6.199E+07
NOVEMBER	-	7.438E+10	NOVEMBER	1.500E-08	3.744E+10	NOVEMBER	-	-	6.199E+07
DECEMBER	-	7.438E+10	DECEMBER	3.800E-08	3.744E+10	DECEMBER	-	2.200E-08	6.199E+07
TOTAL	8.800E-08	8.925E+11	TOTAL	2.976E-06	4.492E+11	TOTAL	-	6.740E-07	7.438E+08
STD. DEV.	+3.106E-08	-	STD. DEV.	+4.017E-07	-	STD. DEV.	-	+4.679E-08	-

- LESS THAN SENSITIVITY OF ANALYSES

RAW MATERIALS AREA RADIOACTIVE RELEASES FOR 1980

LIQUID TIMS BRANCH M EFF			CURIES - (VOLUME, LITERS)			LIQUID 300-M SEEPAGE BASIN		
U-235	WATER VOLUME					U-235	WATER VOLUME	
JANUARY	6.769E-03	1.036E+07	JANUARY	3.213E-03	2.900E+06	JANUARY	3.213E-03	2.900E+06
FEBRUARY	7.113E-03	1.049E+07	FEBRUARY	1.122E-02	2.706E+06	FEBRUARY	1.122E-02	2.706E+06
MARCH	3.949E-02	1.632E+07	MARCH	1.709E-02	2.772E+06	MARCH	1.709E-02	2.772E+06
APRIL	1.590E-02	1.074E+07	APRIL	5.643E-03	2.902E+06	APRIL	5.643E-03	2.902E+06
MAY	1.251E-02	9.950E+06	MAY	1.031E-02	2.700E+06	MAY	1.031E-02	2.700E+06
JUNE	2.025E-02	1.386E+07	JUNE	1.222E-02	2.805E+06	JUNE	1.222E-02	2.805E+06
JULY	8.277E-03	9.640E+06	JULY	1.035E-03	2.738E+06	JULY	1.035E-03	2.738E+06
AUGUST	1.149E-02	1.035E+07	AUGUST	6.220E-03	2.738E+06	AUGUST	6.220E-03	2.738E+06
SEPTEMBER	4.072E-02	1.787E+07	SEPTEMBER	2.523E-03	2.712E+06	SEPTEMBER	2.523E-03	2.712E+06
OCTOBER	1.390E-02	1.185E+07	OCTOBER	3.810E-03	2.200E+06	OCTOBER	3.810E-03	2.200E+06
NOVEMBER	4.924E-03	1.410E+07	NOVEMBER	1.484E-02	2.137E+06	NOVEMBER	1.484E-02	2.137E+06
DECEMBER	8.362E-03	1.261E+07	DECEMBER	8.752E-03	2.889E+06	DECEMBER	8.752E-03	2.889E+06
TOTAL	1.878E-01	1.481E+08	TOTAL	9.697E-02	3.221E+07	TOTAL	9.697E-02	3.221E+07
STD. DEV.	±1.213E-02	±2.680E+06	STD. DEV.	±5.152E-03	±2.524E+05	STD. DEV.	±5.152E-03	±2.524E+05

- LESS THAN SENSITIVITY OF ANALYSES

400-D AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

	LIQUID 420-D		CS-134 137	OTHER B OR G	TOTAL ALPHA	WATER VOLUME	ATMOSPHERIC 420-D	
	T	SR- 89,90					T	AIR VOLUME
JANUARY	1.440E+02	-	-	1.000E-06	-	9.760E+03	6.000E+01	6.819E+09
FEBRUARY	2.080E+02	-	-	3.000E-06	-	2.010E+04	5.000E+01	6.819E+09
MARCH	3.900E+02	-	-	-	-	2.180E+04	6.000E+01	6.819E+09
APRIL	2.570E+02	-	-	-	-	1.580E+04	7.000E+01	6.819E+09
MAY	-	-	-	-	-	-	4.000E+01	6.819E+09
JUNE	-	-	-	-	-	-	5.000E+01	6.819E+09
JULY	-	-	-	-	-	-	6.000E+01	6.819E+09
AUGUST	-	-	-	-	-	-	4.000E+01	6.819E+09
SEPTEMBER	-	-	-	-	-	-	7.000E+01	6.819E+09
OCTOBER	-	-	-	-	-	-	5.000E+01	6.819E+09
NOVEMBER	-	-	-	-	-	-	6.000E+01	6.819E+09
DECEMBER	2.600E+01	-	-	1.000E-05	-	1.150E+04	4.000E+01	6.819E+09
TOTAL	1.027E+03	-	-	1.400E-05	-	7.896E+04	6.500E+02	8.182E+10
STD. DEV.	±1.350E+02	-	-	±4.725E-06	-	±5.231E+03	±1.083E+01	-

400-D AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

	LIQUID 421-D		CS-134 137	OTHER B OR G	TOTAL ALPHA	WATER VOLUME	ATMOSPHERIC 421-D	
	T	SR- 89,90					T	AIR VOLUME
JANUARY	2.500E+01	7.000E-06	-	5.740E-04	-	5.400E+04	5.000E+01	1.050E+10
FEBRUARY	4.800E+01	1.200E-05	1.200E-05	6.650E-04	1.000E-06	5.400E+04	7.000E+01	1.050E+10
MARCH	1.200E+01	2.500E-05	-	1.057E-03	-	5.400E+04	6.000E+01	1.050E+10
APRIL	2.900E+01	-	1.600E-05	2.730E-04	1.000E-06	5.400E+04	4.000E+01	1.050E+10
MAY	9.200E+01	8.000E-06	-	2.210E-04	-	5.660E+04	5.000E+01	1.050E+10
JUNE	1.030E+02	6.000E-06	-	2.620E-04	-	5.400E+04	7.000E+01	1.050E+10
JULY	1.100E+02	1.800E-05	-	7.380E-04	-	5.400E+04	6.000E+01	1.050E+10
AUGUST	3.400E+01	1.400E-05	-	4.790E-04	1.000E-06	5.300E+04	5.000E+01	1.050E+10
SEPTEMBER	-	-	-	-	-	-	4.000E+01	1.050E+10
OCTOBER	-	-	-	-	-	-	7.000E+01	1.050E+10
NOVEMBER	3.000E+00	-	-	2.684E-03	-	5.400E+04	6.000E+01	1.050E+10
DECEMBER	2.900E+01	9.000E-06	2.600E-05	9.470E-04	3.000E-06	5.400E+04	5.000E+01	1.050E+10
TOTAL	4.850E+02	9.900E-05	5.400E-05	7.900E-03	6.000E-06	5.416E+05	6.700E+02	1.260E+11
STD. DEV.	±3.883E+01	±6.479E-06	±7.211E-06	±7.237E-04	±9.999E-07	±9.131E+02	±1.033E+01	-

400-D AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

	LIQUID 722-D		CS-134 137	OTHER B OR G	TOTAL ALPHA	WATER VOLUME	ATMOSPHERIC 722-D	
	T	SR- 89,90					T	AIR VOLUME
JANUARY	6.600E+01	-	1.220E-04	9.200E-05	-	4.620E+05	7.000E+01	9.174E+09
FEBRUARY	7.100E+01	-	-	-	-	4.310E+05	6.000E+01	9.174E+09
MARCH	3.100E+01	-	-	-	-	4.620E+05	5.000E+01	9.174E+09
APRIL	1.600E+01	-	-	-	-	4.470E+05	4.000E+01	9.174E+09
MAY	1.700E+01	-	-	-	-	4.620E+05	7.000E+01	9.174E+09
JUNE	1.000E+01	-	-	-	-	4.470E+05	6.000E+01	9.174E+09
JULY	2.100E+01	-	-	-	-	4.620E+05	5.000E+01	9.174E+09
AUGUST	6.200E+01	-	-	-	-	4.620E+05	6.000E+01	9.174E+09
SEPTEMBER	1.860E+02	-	6.600E-05	-	-	4.470E+05	7.000E+01	9.174E+09
OCTOBER	1.800E+01	-	-	8.000E-05	-	4.620E+05	4.000E+01	9.174E+09
NOVEMBER	2.400E+01	-	-	-	-	4.470E+05	5.000E+01	9.174E+09
DECEMBER	8.000E+00	-	6.900E-05	-	-	4.620E+05	6.000E+01	9.174E+09
TOTAL	5.300E+02	-	2.570E-04	1.720E-04	-	5.453E+06	6.800E+02	1.100E+11
STD. DEV.	±6.994E+01	-	±3.150E-05	±8.485E-06	-	±1.031E+04	±1.073E+01	-

- LESS THAN SENSITIVITY OF ANALYSES

TECHNICAL AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

ATMOSPHERIC
773-A

	T	CO-60	CO-60	I-131	I-133	OTHER B OR G	TOTAL ALPHA	AIR VOLUME
JANUARY	-	-	-	2.090E-04	-	8.000E-06	-	2.714E+11
FEBRUARY	-	5.000E-06	-	2.490E-04	-	-	-	2.714E+11
MARCH	-	-	-	3.010E-04	-	1.000E-05	1.000E-06	2.714E+11
APRIL	-	-	-	1.522E-03	-	1.300E-05	2.000E-06	2.714E+11
MAY	-	5.000E-06	-	2.400E-04	-	5.000E-06	6.000E-06	2.714E+11
JUNE	-	5.000E-06	-	1.780E-04	-	-	1.000E-06	2.714E+11
JULY	-	1.450E-04	-	3.860E-04	-	-	1.000E-06	2.714E+11
AUGUST	-	8.600E-05	-	3.600E-04	-	-	-	2.714E+11
SEPTEMBER	-	1.940E-04	-	2.260E-04	-	-	-	2.714E+11
OCTOBER	-	1.530E-04	-	1.660E-04	-	-	-	2.714E+11
NOVEMBER	-	1.200E-05	-	1.400E-04	-	-	-	2.714E+11
DECEMBER	-	1.200E-05	-	2.090E-04	-	-	-	2.714E+11
TOTAL	-	6.170E-04	-	4.186E-03	-	3.600E-05	1.100E-05	3.256E+12
STD. DEV.	-	±7.707E-05	-	±3.768E-04	-	±3.366E-06	±2.167E-06	-

- LESS THAN SENSITIVITY OF ANALYSES

TECHNICAL AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
773-A SEEPAGE BASIN

	T	SR- 89,90	CS-134 137	OTHER B OR G	U-235 238	U/PU	PU-238	PU-239	OTHER ALPHA	WATER VOLUME
JANUARY	-	-	2.240E-04	6.800E-05	7.500E-05	8.300E-05	4.000E-06	4.000E-06	5.500E-05	2.270E+05
FEBRUARY	-	-	7.000E-05	4.300E-05	1.720E-04	1.720E-04	-	-	6.700E-05	2.880E+05
MARCH	-	-	4.310E-04	-	1.660E-04	1.660E-04	-	-	7.100E-05	3.240E+05
APRIL	-	-	1.200E-04	-	7.300E-05	9.100E-05	7.000E-06	1.100E-05	3.900E-05	3.770E+05
MAY	-	-	1.400E-04	-	5.600E-05	8.000E-05	1.200E-05	1.200E-05	2.200E-05	3.730E+05
JUNE	-	-	1.510E-04	-	1.640E-04	2.050E-04	2.000E-05	2.100E-05	3.100E-05	2.480E+05
JULY	-	5.000E-05	1.670E-04	-	3.460E-04	3.850E-04	2.300E-05	1.600E-05	1.150E-04	2.870E+05
AUGUST	-	4.300E-05	1.240E-04	1.400E-05	3.320E-04	3.500E-04	1.100E-05	7.000E-06	8.200E-05	2.480E+05
SEPTEMBER	-	-	2.330E-04	-	7.100E-05	7.900E-05	3.000E-06	5.000E-06	1.000E-06	2.460E+05
OCTOBER	-	-	1.300E-04	9.400E-05	1.450E-04	1.610E-04	8.000E-06	8.000E-06	3.600E-05	3.700E+05
NOVEMBER	-	-	1.730E-04	2.100E-05	1.300E-04	1.630E-04	2.000E-05	1.300E-05	8.300E-05	3.220E+05
DECEMBER	-	-	9.600E-05	2.300E-05	1.400E-05	2.100E-05	2.000E-06	5.000E-06	1.500E-05	3.130E+05
TOTAL	-	9.300E-05	2.059E-03	2.630E-04	1.744E-03	1.956E-03	1.100E-04	1.020E-04	6.170E-04	3.623E+06
STD. DEV.	-	±4.949E-06	±9.436E-05	±3.145E-05	±1.034E-04	±1.094E-04	±7.644E-06	±5.473E-06	±3.324E-05	±5.335E+04

TECHNICAL AREA RADIOACTIVE RELEASES FOR 1980
CURIES - (VOLUME, LITERS)

LIQUID
TMS BRANCH A EFF

	B OR G	TOTAL ALPHA	WATER VOLUME
JANUARY	6.700E-05	9.000E-06	3.314E+07
FEBRUARY	5.400E-05	1.600E-05	3.314E+07
MARCH	-	9.000E-06	3.314E+07
APRIL	-	5.000E-06	3.314E+07
MAY	1.270E-04	1.400E-05	3.314E+07
JUNE	-	1.700E-05	3.314E+07
JULY	-	1.400E-05	3.314E+07
AUGUST	-	2.200E-05	3.314E+07
SEPTEMBER	-	5.000E-06	3.314E+07
OCTOBER	-	2.800E-05	3.314E+07
NOVEMBER	-	5.000E-06	3.314E+07
DECEMBER	-	-	3.314E+07
TOTAL	2.480E-04	1.440E-04	3.976E+08
STD. DEV.	±3.894E-05	±7.462E-06	-

LIQUID
CMX-SEEPAGE BASIN

	B OR G	U-235 238	WATER VOLUME
JANUARY	-	-	-
FEBRUARY	-	-	-
MARCH	-	-	-
APRIL	-	-	-
MAY	-	-	-
JUNE	-	-	-
JULY	-	-	-
AUGUST	-	-	-
SEPTEMBER	-	-	1.000E+05
OCTOBER	9.000E-06	1.000E-05	1.000E+05
NOVEMBER	-	-	-
DECEMBER	-	-	-
TOTAL	9.000E-06	1.000E-05	2.000E+05
STD. DEV.	-	-	-

SUMMARY E.

MONTHLY RADIOACTIVE RELEASES FOR 1979

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REACTION AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

ATMOSPHERIC

100-C

	---I---	---AR-41---	---KR-85M---	---KR-87---	---KR-88---	TOTAL ---KB---	STACK ---I-131---	DISS'Y ---I-131---	XE-133	XE-135
JANUARY	3.050E+03	2.990E+03	3.000E+01	3.000E+01	5.000E+01	1.100E+02	4.100E-05	1.000E-05	1.200E+02	1.000E+02
FEBRUARY	9.890E+03	2.050E+03	1.000E+01	2.000E+01	2.000E+01	5.000E+01	5.600E-05	8.900E-05	6.000E+01	4.000E+01
MARCH	3.570E+03	6.360E+03	2.000E+01	4.000E+01	6.000E+01	1.200E+02	3.700E-05	3.100E-05	1.700E+02	1.300E+02
APRIL	1.060E+04	7.600E+02	4.000E+00	6.000E+00	1.000E+01	2.000E+01	-	4.580E-04	3.000E+01	2.000E+01
MAY	2.210E+03	-	-	4.000E+00	5.300E+00	9.000E+00	-	8.000E-05	5.000E+01	-
JUNE	1.534E+03	-	1.000E+00	4.000E+00	3.000E+00	8.000E+00	-	-	5.000E+00	-
JULY	6.620E+03	-	1.000E+00	5.000E+00	4.000E+01	4.600E+01	-	-	5.000E+01	-
AUGUST	7.310E+03	1.000E+02	2.000E+00	1.000E+01	8.000E+01	9.200E+01	-	-	1.000E+02	1.000E+01
SEPTEMBER	4.180E+03	1.000E+03	2.000E+01	3.000E+01	4.000E+01	9.000E+01	-	-	9.000E+01	4.000E+01
OCTOBER	4.020E+03	2.600E+03	4.000E+01	5.000E+01	8.500E+01	1.750E+02	-	-	1.100E+02	1.250E+02
NOVEMBER	5.610E+03	2.200E+03	3.000E+01	4.200E+01	6.000E+01	1.320E+02	-	1.371E-03	7.500E+01	8.000E+01
DECEMBER	3.470E+03	2.906E+03	6.900E+01	8.700E+01	1.240E+02	2.800E+02	-	1.870E-04	1.500E+02	1.600E+02
TOTAL	6.206E+04	2.096E+04	2.270E+02	3.280E+02	5.770E+02	1.132E+03	1.340E-04	2.226E-03	1.010E+03	7.050E+02
STD. DEV.	±2.905E+03	±1.816E+03	±2.097E+01	±2.497E+01	±3.654E+01	±7.856E+01	±1.001E-05	±4.885E-04	±4.874E+01	±5.361E+01

	TOTAL ---XE---	OTHER B-OR-G	TOTAL ---ALPHA---	STACK VOLUME	DISS'Y VOLUME
JANUARY	2.200E+02	1.000E-06	-	1.707E+11	1.146E+11
FEBRUARY	1.000E+02	4.000E-06	-	2.928E+11	9.147E+10
MARCH	3.000E+02	1.000E-06	-	1.387E+11	9.175E+10
APRIL	5.000E+01	4.000E-06	-	4.103E+11	1.146E+11
MAY	5.000E+01	1.000E-06	-	4.808E+11	9.175E+10
JUNE	5.000E+00	1.000E-06	7.000E-08	5.199E+11	9.175E+10
JULY	5.000E+01	2.000E-06	1.100E-07	6.524E+11	1.146E+11
AUGUST	1.100E+02	3.000E-06	3.200E-07	4.420E+11	9.147E+10
SEPTEMBER	1.300E+02	2.000E-06	6.000E-08	1.002E+11	9.175E+10
OCTOBER	2.350E+02	1.000E-05	5.000E-08	1.336E+11	1.146E+11
NOVEMBER	1.550E+02	1.000E-05	9.000E-08	2.248E+11	9.175E+10
DECEMBER	3.100E+02	1.700E-05	-	1.704E+11	1.146E+11
TOTAL	1.715E+03	5.600E-05	7.000E-07	3.737E+12	1.215E+12
STD. DEV.	±1.023E+02	±5.051E-06	±1.019E-07	±1.831E+11	±1.185E+10

ATMOSPHERIC

102-K

	---I---	---AR-41---	---KR-85M---	---KR-87---	---KR-88---	TOTAL ---KB---	STACK ---I-131---	DISS'Y ---I-131---	XE-133	XE-135
JANUARY	2.920E+03	2.410E+03	2.000E+01	2.000E+01	3.000E+01	7.000E+01	2.800E-05	-	1.000E+02	5.000E+01
FEBRUARY	4.490E+03	1.060E+03	1.000E+01	1.000E+01	1.000E+01	3.000E+01	5.600E-05	2.600E-05	7.000E+01	2.000E+01
MARCH	4.560E+03	2.600E+03	1.000E+01	2.000E+01	2.000E+01	5.000E+01	5.100E-05	3.500E-05	8.000E+01	4.000E+01
APRIL	3.760E+03	1.640E+03	1.000E+01	1.000E+01	1.500E+01	3.500E+01	-	-	8.000E+01	2.500E+01
MAY	3.360E+03	1.800E+03	1.500E+01	1.000E+01	2.300E+01	4.500E+01	-	3.900E-05	8.000E+01	3.500E+01
JUNE	4.345E+03	1.360E+03	1.000E+01	1.000E+01	1.500E+01	3.500E+01	3.200E-05	-	9.000E+01	2.500E+01
JULY	6.180E+03	-	-	-	-	-	1.770E-04	4.330E-04	-	-
AUGUST	4.260E+03	-	-	-	-	-	-	4.400E-05	-	-
SEPTEMBER	3.510E+03	8.300E+02	3.000E+00	4.000E+00	5.000E+00	1.200E+01	-	-	2.000E+01	1.000E+01
OCTOBER	3.055E+03	1.960E+03	5.000E+00	1.000E+01	1.000E+01	2.500E+01	-	-	7.000E+01	2.500E+01
NOVEMBER	1.820E+03	1.330E+03	7.000E+00	7.000E+00	1.000E+01	2.400E+01	-	-	4.400E+01	1.500E+01
DECEMBER	3.191E+03	5.550E+02	1.000E+01	1.300E+01	1.800E+01	4.100E+01	-	8.700E-05	6.800E+01	3.100E+01
TOTAL	4.545E+04	1.554E+04	1.000E+02	1.140E+02	1.530E+02	3.670E+02	3.440E-04	6.640E-04	7.020E+02	2.760E+02
STD. DEV.	±1.092E+03	±6.594E+02	±4.807E+00	±5.103E+00	±7.134E+00	±1.609E+01	±6.165E-05	±1.593E-04	±2.304E+01	±1.187E+01

	TOTAL ---XE---	OTHER B-OR-G	TOTAL ---ALPHA---	STACK VOLUME	DISS'Y VOLUME
JANUARY	1.500E+02	3.000E-06	-	1.226E+11	1.146E+11
FEBRUARY	9.000E+01	1.300E-05	7.000E-08	1.820E+11	9.175E+10
MARCH	1.200E+02	1.600E-05	-	1.002E+11	9.175E+10
APRIL	1.050E+02	1.000E-06	2.100E-07	1.806E+11	1.146E+11
MAY	1.150E+02	1.000E-06	-	9.458E+10	9.175E+10
JUNE	1.150E+02	1.000E-06	2.100E-07	1.580E+11	9.175E+10
JULY	-	3.000E-06	5.000E-08	4.429E+11	1.146E+11
AUGUST	-	9.000E-06	-	3.404E+11	9.175E+10
SEPTEMBER	3.000E+01	1.300E-05	1.000E-07	1.554E+11	9.175E+10
OCTOBER	9.500E+01	5.000E-06	-	1.314E+11	1.146E+11
NOVEMBER	5.900E+01	-	-	1.886E+11	9.175E+10
DECEMBER	9.900E+01	-	-	2.027E+11	1.146E+11
TOTAL	9.780E+02	6.500E-05	6.400E-07	2.299E+12	1.215E+12
STD. DEV.	±3.338E+01	±5.759E-06	±7.694E-08	±1.018E+11	±1.181E+10

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

ATMOSPHERIC

100-P

	---I---	AR-41	K8-85M	K8-87	K8-88	TOTAL KB	STACK I-131	DISS'Y I-131	XE-133	XE-135
JANUARY	3.120E+03	1.500E+03	1.100E+02	8.000E+01	1.100E+02	3.000E+02	2.190E-04	1.460E-04	2.500E+02	2.700E+02
FEBRUARY	1.885E+03	2.080E+03	1.600E+02	1.400E+02	2.000E+02	5.000E+02	1.180E-04	3.900E-05	3.800E+02	4.800E+02
MARCH	4.080E+03	1.570E+03	1.400E+02	1.100E+02	1.500E+02	4.000E+02	2.710E-04	1.810E-04	2.900E+02	3.900E+02
APRIL	3.290E+03	2.750E+03	2.100E+02	2.000E+02	2.600E+02	6.700E+02	5.000E-06	2.600E-04	5.900E+02	6.200E+02
MAY	5.660E+03	1.120E+03	1.500E+02	9.000E+01	1.500E+02	3.900E+02	3.060E-04	1.606E-03	3.750E+02	2.300E+02
JUNE	4.755E+03	1.120E+03	1.500E+02	9.000E+01	1.500E+02	3.900E+02	2.430E-04	2.220E-04	3.750E+02	2.300E+02
JULY	5.040E+03	-	3.500E+01	-	1.000E+00	3.600E+01	3.360E-04	1.077E-03	-	-
AUGUST	3.990E+03	4.500E+01	2.500E+01	1.000E+00	2.000E+00	2.800E+01	3.600E-05	1.040E-04	-	2.000E+00
SEPTEMBER	3.835E+03	1.375E+03	8.500E+01	6.000E+01	9.000E+01	2.350E+02	2.400E-05	-	2.200E+02	2.500E+02
OCTOBER	4.220E+03	2.440E+03	1.500E+02	1.150E+02	1.700E+02	4.350E+02	1.190E-04	-	5.100E+02	4.700E+02
NOVEMBER	3.500E+03	8.100E+02	9.000E+01	6.000E+01	8.000E+01	2.300E+02	1.700E-05	1.160E-04	2.150E+02	2.100E+02
DECEMBER	2.480E+03	1.710E+03	1.600E+02	1.200E+02	1.600E+02	4.400E+02	8.000E-05	2.100E-05	4.200E+02	3.300E+02
TOTAL	4.585E+04	1.652E+04	1.465E+03	1.066E+03	1.523E+03	4.054E+03	1.774E-03	3.772E-03	3.625E+03	3.482E+03
STD. DEV.	±1.062E+03	±7.569E+02	±5.462E+01	±5.081E+01	±7.562E+01	±1.850E+02	±1.211E-04	±5.284E-04	±1.235E+02	±1.672E+02

	TOTAL XE	OTHER B OR G	TOTAL ALPHA	STACK VOLUME	ATMOSPHERIC 100-P DISS'Y VOLUME
JANUARY	5.200E+02	4.000E-06	-	1.617E+11	
FEBRUARY	8.600E+02	3.000E-06	-	9.260E+10	
MARCH	6.800E+02	1.000E-05	1.000E-07	1.931E+11	JANUARY 1.345E+11
APRIL	1.210E+03	4.000E-06	-	2.322E+11	FEBRUARY 1.076E+11
MAY	6.050E+02	4.000E-06	-	1.750E+11	MARCH 1.110E+11
JUNE	6.050E+02	1.000E-06	1.200E-07	1.639E+11	APRIL 1.353E+11
JULY	-	2.000E-06	-	3.755E+11	MAY 1.084E+11
AUGUST	2.000E+00	3.000E-06	-	2.463E+11	JUNE 1.084E+11
SEPTEMBER	4.700E+02	1.000E-06	1.300E-07	1.532E+11	JULY 1.353E+11
OCTOBER	9.800E+02	3.000E-06	5.000E-08	1.475E+11	AUGUST 1.110E+11
NOVEMBER	4.250E+02	1.000E-06	-	1.628E+11	SEPTEMBER 1.084E+11
DECEMBER	7.500E+02	3.000E-06	-	1.435E+11	OCTOBER 1.345E+11
TOTAL	7.107E+03	3.900E-05	4.000E-07	2.247E+12	NOVEMBER 1.076E+11
STD. DEV.	±3.164E+02	±2.416E-06	±3.559E-08	±7.169E+10	DECEMBER 1.345E+11
					TOTAL 1.436E+12
					STD. DEV. ±1.338E+10

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID

C. PURGE TO SEEPAGE BASIN

	---I---	P-32	S-35	CR-51	CO-58-60	SR-89	SR-90	Y-91	ZR-95 NB-95	RU-103 ---106
JANUARY	1.218E+03	-	3.586E-04	4.911E-03	-	-	-	2.409E-04	-	-
FEBRUARY	-	-	-	-	-	-	-	-	-	-
MARCH	9.315E+02	1.282E-04	2.350E-04	3.507E-02	-	-	-	9.215E-04	-	-
APRIL	1.549E+03	1.150E-04	7.920E-05	4.795E-02	-	-	-	3.128E-04	-	-
MAY	1.769E+03	1.516E-04	3.568E-04	3.094E-02	-	-	-	2.472E-04	-	-
JUNE	4.333E+01	-	1.224E-05	-	-	-	-	5.365E-05	-	-
JULY	1.156E+02	-	-	-	-	-	-	9.248E-06	-	-
AUGUST	6.410E+01	-	4.033E-03	2.395E-02	1.397E-04	1.561E-04	8.699E-04	-	-	-
SEPTEMBER	1.041E+03	-	2.480E-04	1.911E-02	-	-	-	-	-	-
OCTOBER	4.352E+01	-	-	-	-	-	-	-	-	-
NOVEMBER	5.127E+02	-	-	1.091E-02	-	-	-	-	-	-
DECEMBER	2.181E+01	9.169E-06	-	-	-	-	-	-	-	-
TOTAL	7.310E+03	4.040E-04	5.323E-03	1.728E-01	1.397E-04	1.561E-04	8.699E-04	1.785E-03	-	-
STD. DEV.	±6.627E+02	±6.307E-05	±1.449E-03	±1.472E-02	-	-	-	±3.280E-04	-	-

	I-131	CS-134	CS-137	CE-141 ---144	PM-147	OTHER B.ORG.	ALPHA	VOLUME
JANUARY	-	7.772E-04	1.037E-02	1.032E-04	7.902E-04	-	3.856E-05	2.572E+06
FEBRUARY	-	-	-	-	-	-	-	-
MARCH	3.250E-04	-	5.771E-04	-	-	-	6.629E-06	1.993E+06
APRIL	3.865E-04	5.047E-04	5.334E-03	-	3.162E-04	-	1.430E-05	2.299E+06
MAY	6.370E-04	-	2.656E-04	-	9.705E-05	-	5.170E-06	4.088E+06
JUNE	-	-	-	-	1.224E-06	-	2.040E-07	1.020E+05
JULY	-	-	4.335E-05	-	1.734E-06	-	-	2.890E+05
AUGUST	-	2.329E-04	2.598E-03	-	-	2.137E-04	4.110E-07	1.370E+05
SEPTEMBER	-	-	2.884E-03	-	-	-	2.072E-05	2.217E+06
OCTOBER	-	-	1.602E-05	-	-	-	6.540E-07	1.090E+05
NOVEMBER	4.200E-04	-	-	-	-	-	2.100E-06	1.050E+06
DECEMBER	-	-	-	-	-	-	3.180E-07	5.300E+04
TOTAL	1.768E-03	1.514E-03	2.209E-02	1.032E-04	1.206E-03	2.137E-04	8.907E-05	1.490E+07
STD. DEV.	±1.357E-04	±2.721E-04	±3.597E-03	-	±3.327E-04	-	±1.248E-05	±1.361E+06

LIQUID

K. PURGE TO 904-BRG.

	---I---	P-32	S-35	CR-51	CO-58-60	SR-89	SR-90	Y-91	ZR-95 NB-95	RU-103 ---106
JANUARY	-	-	-	-	-	-	-	-	-	-
FEBRUARY	9.855E+02	-	2.381E-03	2.000E-02	-	-	-	7.724E-04	2.435E-03	-
MARCH	2.979E+03	1.137E-04	1.886E-03	4.170E-02	-	-	-	2.620E-03	1.819E-03	-
APRIL	7.065E+02	-	6.565E-04	1.171E-02	-	-	1.698E-04	1.678E-04	1.231E-04	-
MAY	9.235E+02	-	4.060E-04	2.409E-02	-	-	-	4.385E-04	3.894E-04	-
JUNE	1.956E+02	-	7.472E-05	-	-	-	-	3.549E-04	-	-
JULY	1.014E+02	1.387E-05	1.121E-05	4.978E-03	-	-	-	4.251E-06	1.586E-04	-
AUGUST	1.386E+03	-	6.340E-04	2.301E-02	-	-	-	-	-	-
SEPTEMBER	1.305E+03	-	2.636E-04	2.225E-02	-	-	-	-	8.673E-04	1.859E-04
OCTOBER	-	-	-	-	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-	-	-	-
DECEMBER	-	-	-	-	-	-	-	-	-	-
TOTAL	8.583E+03	1.276E-04	6.314E-03	1.477E-01	-	-	1.698E-04	4.358E-03	5.793E-03	1.859E-04
STD. DEV.	±8.994E+02	±7.064E-05	±8.717E-04	±1.145E-02	-	-	-	±9.635E-04	±9.582E-04	-

	SB-124 ---125	I-131	CS-134	CS-137	CE-141 ---144	PM-147	OTHER B.ORG.	ALPHA	VOLUME
JANUARY	-	-	-	-	-	-	-	-	-
FEBRUARY	3.468E-03	-	1.008E-03	6.051E-03	2.066E-03	3.222E-04	-	2.460E-05	2.460E+06
MARCH	1.031E-02	3.229E-04	6.690E-04	5.981E-03	1.012E-02	-	-	3.228E-05	4.650E+06
APRIL	7.334E-04	-	7.642E-04	6.617E-03	-	3.623E-04	-	3.253E-05	1.739E+06
MAY	-	-	-	5.133E-04	4.902E-03	8.153E-04	-	5.428E-06	1.829E+06
JUNE	-	-	-	-	-	-	-	4.790E-07	4.790E+05
JULY	-	-	-	-	6.369E-04	1.560E-06	-	4.428E-07	1.128E+05
AUGUST	-	-	-	1.183E-04	4.324E-03	-	-	5.108E-05	2.532E+06
SEPTEMBER	-	-	-	1.751E-03	6.223E-03	-	-	1.350E-04	3.460E+06
OCTOBER	-	-	-	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-	-	-
DECEMBER	-	-	-	-	-	-	-	-	-
TOTAL	1.452E-02	3.229E-04	2.441E-03	2.103E-02	2.828E-02	1.501E-03	-	2.818E-04	1.726E+07
STD. DEV.	±4.936E-03	-	±1.751E-04	±3.026E-03	±3.328E-03	±3.348E-04	-	±4.415E-05	±1.484E+06

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID

P PURGE TO SEEPAGE BASIN

	I-131	P-32	S-35	CS-51	CO-58.60	SR-89	SR-90	Y-91	ZR-95 NB-95	RJ-103 106
JANUARY	7.327E+02	4.958E-05	1.547E-04	1.642E-02	-	-	-	2.815E-04	1.332E-04	-
FEBRUARY	1.760E+03	2.064E-04	3.136E-03	2.411E-02	-	-	-	5.390E-04	-	-
MARCH	-	-	-	-	-	-	-	-	-	-
APRIL	7.228E+02	-	7.300E-05	9.322E-03	-	-	-	7.944E-05	-	-
MAY	4.232E+02	-	2.580E-04	2.348E-02	-	-	-	2.868E-05	-	-
JUNE	1.137E+03	-	4.888E-04	4.442E-02	-	-	-	1.061E-03	-	-
JULY	-	-	-	-	-	-	-	-	-	-
AUGUST	5.905E+02	-	-	7.510E-03	-	-	-	6.000E-05	-	-
SEPTEMBER	1.645E+03	8.217E-04	1.504E-03	3.140E-02	-	-	-	-	-	-
OCTOBER	2.053E+03	4.109E-04	6.570E-05	4.716E-03	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-	-	-	-
DECEMBER	1.034E+03	-	2.049E-03	1.231E-02	-	-	-	-	-	-
TOTAL	1.010E+04	1.488E-03	7.730E-03	1.737E-01	-	-	-	2.050E-03	1.332E-04	-
STD. DEV.	±5.743E+02	±3.342E-04	±1.144E-03	±1.287E-02	-	-	-	±4.017E-04	-	-

	I-131	CS-134	CS-137	CE-141 144	PM-147	OTHER B-ORG	ALPHA	VOLUME
JANUARY	4.043E-03	6.759E-04	3.351E-03	-	3.221E-04	-	1.106E-05	1.250E+06
FEBRUARY	3.054E-03	4.945E-03	2.750E-02	8.730E-05	4.204E-04	-	1.333E-04	4.802E+06
MARCH	-	-	-	-	-	-	-	-
APRIL	3.650E-04	1.005E-03	8.232E-03	-	1.413E-04	-	3.050E-06	1.590E+06
MAY	1.824E-03	-	2.623E-04	-	3.064E-05	-	2.220E-06	9.300E+05
JUNE	1.294E-03	-	1.707E-03	-	1.492E-04	-	4.790E-06	2.861E+06
JULY	-	-	-	-	-	-	-	-
AUGUST	-	-	2.900E-04	-	1.200E-05	-	1.000E-06	1.000E+06
SEPTEMBER	-	9.996E-04	1.174E-02	-	-	-	1.919E-05	3.805E+06
OCTOBER	-	1.122E-03	1.263E-02	4.422E-04	-	-	9.792E-05	4.174E+06
NOVEMBER	-	-	-	-	-	-	-	-
DECEMBER	8.169E-03	9.000E-04	6.837E-03	1.365E-04	-	-	4.399E-05	2.499E+06
TOTAL	1.875E-02	9.649E-03	7.257E-02	6.660E-04	1.075E-03	-	3.166E-04	2.291E+07
STD. DEV.	±2.790E-03	±1.641E-03	±8.645E-03	±1.922E-04	±1.618E-04	-	±4.835E-05	±1.458E+06

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID							
C PROCESS SEWER							
		CO-			OTHER		WATER
	I	SR-90	CS-137	B-OB-G	ALPHA		VOLUME
JANUARY	1.182E+02	-	-	-	-	-	5.350E+08
FEBRUARY	2.187E+02	-	-	-	-	-	4.840E+08
MARCH	5.634E+02	-	-	-	1.000E-06	-	5.090E+08
APRIL	4.499E+00	-	-	-	-	-	5.000E+08
MAY	7.573E+00	-	-	-	-	-	5.410E+08
JUNE	3.059E+00	-	-	-	-	-	5.100E+08
JULY	4.024E+00	-	-	-	-	-	5.750E+08
AUGUST	3.104E+00	-	-	-	-	-	6.210E+08
SEPTEMBER	1.076E+01	-	9.810E-06	1.866E-04	-	-	5.980E+08
OCTOBER	2.869E+00	-	-	-	-	-	5.740E+08
NOVEMBER	2.422E+01	3.532E-05	-	-	4.780E-05	1.672E-06	5.380E+08
DECEMBER	4.831E+00	-	-	-	-	-	6.040E+08
TOTAL	9.053E+02	3.532E-05	9.810E-06	2.354E-04	1.672E-06	-	6.589E+09
STD. DEV.	±1.500E+02	-	-	±9.652E-05	-	-	±4.476E+07

LIQUID							
K PROCESS SEWER							
		CO-			OTHER		WATER
	I	SR-90	CS-137	B-OB-G	ALPHA		VOLUME
JANUARY	1.983E+00	-	-	-	-	-	4.960E+08
FEBRUARY	6.200E+00	-	-	-	-	-	4.770E+08
MARCH	3.583E+00	-	-	-	-	-	5.120E+08
APRIL	2.312E+00	-	-	-	-	-	4.640E+08
MAY	8.513E+00	-	-	-	-	-	4.730E+08
JUNE	4.929E+00	-	-	-	-	-	4.930E+08
JULY	2.951E+01	-	-	-	-	2.350E-05	6.265E+08
AUGUST	9.013E+00	4.056E-01	-	6.481E-01	9.500E-05	-	4.380E+08
SEPTEMBER	3.478E+01	3.632E-04	5.902E-05	2.951E-05	-	-	5.082E+08
OCTOBER	4.715E+00	-	-	-	-	-	5.240E+08
NOVEMBER	1.013E+00	-	-	-	-	-	5.070E+08
DECEMBER	5.999E+00	-	-	-	-	-	5.000E+08
TOTAL	1.125E+02	4.060E-01	5.902E-05	6.482E-01	1.185E-04	-	6.018E+09
STD. DEV.	±1.096E+01	±2.865E-01	-	±4.583E-01	±5.055E-05	-	±4.595E+07

LIQUID							
P PROCESS SEWER							
		CO-			OTHER		WATER
	I	SR-90	CS-137	B-OB-G	ALPHA		VOLUME
JANUARY	2.100E+01	-	-	-	-	-	4.400E+08
FEBRUARY	4.400E+01	-	-	-	-	-	4.050E+08
MARCH	2.100E+01	-	-	-	-	-	4.790E+08
APRIL	2.000E+00	-	-	-	-	-	4.900E+08
MAY	2.300E+01	-	-	-	-	-	4.670E+08
JUNE	2.500E+01	-	-	-	-	-	4.600E+08
JULY	9.000E+00	-	-	-	-	-	4.500E+08
AUGUST	1.500E+01	-	-	-	-	-	4.550E+08
SEPTEMBER	2.600E+01	-	-	-	-	-	4.400E+08
OCTOBER	2.700E+01	-	-	-	-	-	4.560E+08
NOVEMBER	2.900E+01	-	-	-	-	-	4.200E+08
DECEMBER	2.100E+01	-	-	-	-	-	6.880E+08
TOTAL	2.630E+02	-	-	-	-	-	5.650E+09
STD. DEV.	±1.046E+01	-	-	-	-	-	±7.226E+07

- LESS THAN SENSITIVITY OF ANALYSES

REACTOR AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID C-RX-HX-COOLING-W			LIQUID K-RX-HX-COOLING-W			LIQUID P-RX-HX-COOLING-W		
		WATER			WATER			WATER
	I	VOLUME		I	VOLUME		I	VOLUME
JANUARY	4.270E+02	3.290E+10	JANUARY	6.340E+02	3.012E+10	JANUARY	3.190E+02	2.971E+10
FEBRUARY	2.370E+02	2.168E+10	FEBRUARY	1.610E+02	1.785E+10	FEBRUARY	3.270E+02	2.532E+10
MARCH	2.530E+02	2.643E+10	MARCH	3.910E+02	2.389E+10	MARCH	2.220E+02	2.220E+10
APRIL	1.600E+01	1.720E+10	APRIL	3.540E+02	2.650E+10	APRIL	5.210E+02	3.080E+10
MAY	-	-	MAY	4.620E+02	2.299E+10	MAY	2.160E+02	2.277E+10
JUNE	-	-	JUNE	1.950E+02	1.671E+10	JUNE	4.560E+02	2.472E+10
JULY	6.000E+00	3.260E+09	JULY	8.900E+01	9.220E+09	JULY	4.100E+01	1.945E+10
AUGUST	9.300E+01	1.652E+10	AUGUST	1.200E+01	7.670E+09	AUGUST	1.940E+02	1.613E+10
SEPTEMBER	3.290E+02	2.645E+10	SEPTEMBER	2.330E+02	1.917E+10	SEPTEMBER	5.170E+02	2.527E+10
OCTOBER	4.280E+02	3.298E+10	OCTOBER	4.250E+02	2.979E+10	OCTOBER	2.930E+02	3.167E+10
NOVEMBER	1.230E+02	2.266E+10	NOVEMBER	2.030E+02	1.764E+10	NOVEMBER	2.240E+02	2.010E+10
DECEMBER	2.740E+02	3.123E+10	DECEMBER	2.410E+02	2.542E+10	DECEMBER	2.330E+02	2.943E+10
TOTAL	2.186E+03	2.313E+11	TOTAL	3.400E+03	2.469E+11	TOTAL	3.563E+03	2.975E+11
STD. DEV.	±1.546E+02	±9.165E+09	STD. DEV.	±1.748E+02	±7.260E+09	STD. DEV.	±1.423E+02	±4.917E+09

LIQUID OIL-CHEMICAL-BASIN							
		CO-	OTHER				
	I	SR-89	SR-90	CS-137	B OR G	ALPHA	VOLUME
JANUARY	-	-	-	-	-	-	-
FEBRUARY	-	-	-	-	-	-	-
MARCH	-	-	-	-	-	-	-
APRIL	-	-	-	-	-	-	-
MAY	-	-	-	-	-	-	-
JUNE	-	-	-	-	-	-	-
JULY	-	-	-	-	-	-	-
AUGUST	-	-	-	-	-	-	-
SEPTEMBER	1.056E+02	1.807E-04	1.276E-05	8.635E-04	1.842E-04	1.520E-07	7.600E+03
OCTOBER	-	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-	-
DECEMBER	-	-	-	-	-	-	-
TOTAL	1.056E+02	1.807E-04	1.276E-05	8.635E-04	1.842E-04	1.520E-07	7.600E+03
STD. DEV.	-	-	-	-	-	-	-

LIQUID 690-G SEEPAGE-BASIN					
		SR-89,	BETA-		
	I	90	GAMMA	ALPHA	VOLUME
JANUARY	-	-	-	-	-
FEBRUARY	-	-	-	-	-
MARCH	-	-	-	-	-
APRIL	-	-	-	-	-
MAY	-	-	-	-	-
JUNE	-	-	-	-	-
JULY	-	-	-	-	-
AUGUST	-	-	-	-	-
SEPTEMBER	1.175E+00	4.000E-06	4.000E-06	-	2.270E+04
OCTOBER	-	-	-	-	-
NOVEMBER	8.949E-03	-	-	2.640E-08	1.320E+04
DECEMBER	-	-	-	-	-
TOTAL	1.184E+00	4.000E-06	4.000E-06	2.640E-08	3.590E+04
STD. DEV.	±8.252E-01	-	-	-	±6.717E+03

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

**ATMOSPHERIC
202-F STACKS**

	SR-39 90	ZK-92	NB-95	BU-103	BU-106	I-131	CS-134	CS-137	GE-141
JANUARY	1.970E-04	1.720E-04	3.210E-04	2.200E-05	2.327E-03	1.759E-03	2.300E-05	8.700E-05	-
FEBRUARY	4.230E-04	1.620E-04	1.502E-03	1.800E-05	2.146E-03	1.085E-03	2.000E-06	1.900E-04	-
MARCH	1.470E-04	2.510E-04	8.000E-04	2.300E-05	2.050E-03	1.306E-03	6.000E-06	1.630E-04	-
APRIL	2.230E-04	8.350E-04	1.519E-03	4.800E-05	2.909E-03	1.219E-03	1.100E-05	3.060E-04	-
MAY	2.840E-04	1.841E-03	2.317E-03	1.780E-04	1.916E-03	1.227E-03	8.000E-06	1.930E-04	4.900E-05
JUNE	2.400E-04	1.266E-03	3.783E-03	2.530E-04	2.239E-03	9.390E-04	-	1.660E-04	1.700E-05
JULY	2.960E-04	1.029E-03	2.042E-03	1.240E-04	2.740E-03	1.352E-03	3.000E-05	2.250E-04	9.000E-06
AUGUST	1.970E-04	3.152E-03	5.984E-03	2.450E-04	3.113E-03	4.430E-04	1.200E-05	1.900E-04	5.500E-05
SEPTEMBER	8.900E-05	2.759E-03	6.168E-03	2.430E-04	6.901E-03	1.980E-04	1.600E-05	1.640E-04	2.900E-05
OCTOBER	1.600E-05	2.290E-04	2.090E-04	3.100E-05	2.072E-03	2.230E-04	6.000E-06	4.700E-05	-
NOVEMBER	1.300E-04	1.060E-04	1.110E-04	3.000E-06	1.139E-03	7.800E-05	3.000E-06	1.780E-04	3.000E-06
DECEMBER	6.000E-05	6.000E-05	7.300E-05	-	1.071E-03	3.890E-04	-	8.400E-05	-
TOTAL	2.302E-03	1.186E-02	2.482E-02	1.188E-03	3.162E-02	1.021E-02	1.170E-04	1.993E-03	1.620E-04
STD. DEV.	+1.131E-04	+1.076E-03	+2.167E-03	+1.031E-04	+1.504E-03	+5.575E-04	+9.006E-06	+6.891E-05	+2.131E-05

	GE-144	OTHER BORG	AM-241 243	CM-242 244	U-235 238	PU-238 239	PU-238 239	PU-238 239	OTHER ALPHA	TOTAL ALPHA
JANUARY	3.810E-04	3.500E-05	-	7.800E-05	2.960E-04	1.600E-05	1.600E-05	-	-	3.900E-04
FEBRUARY	1.469E-03	1.200E-05	4.100E-05	1.700E-05	7.500E-05	4.000E-06	4.000E-06	-	-	1.370E-04
MARCH	1.531E-03	3.000E-06	1.400E-05	1.500E-05	2.830E-04	1.500E-05	1.500E-05	-	-	3.270E-04
APRIL	1.593E-03	-	6.000E-06	7.000E-06	2.940E-04	1.600E-05	8.000E-06	8.000E-06	-	3.230E-04
MAY	2.254E-03	-	1.500E-05	2.000E-06	1.850E-04	1.000E-05	5.000E-06	5.000E-06	-	2.120E-04
JUNE	1.642E-03	8.000E-06	7.000E-06	6.000E-06	1.200E-04	3.000E-05	1.500E-05	1.500E-05	-	1.630E-04
JULY	1.890E-03	4.000E-05	3.400E-05	3.500E-05	1.630E-04	7.000E-05	3.500E-05	3.500E-05	-	3.020E-04
AUGUST	2.197E-03	-	5.600E-05	5.600E-05	2.380E-04	-	-	-	-	3.500E-04
SEPTEMBER	1.690E-03	-	1.500E-05	1.500E-05	1.980E-04	-	-	-	-	2.280E-04
OCTOBER	1.310E-04	-	1.900E-05	1.900E-05	5.200E-05	1.200E-04	6.000E-05	6.000E-05	-	2.100E-04
NOVEMBER	5.250E-04	2.000E-05	2.800E-05	2.700E-05	2.700E-05	2.440E-04	1.950E-04	4.900E-05	-	3.260E-04
DECEMBER	6.400E-05	-	4.900E-05	4.900E-05	1.190E-04	1.460E-04	7.300E-05	7.300E-05	-	3.630E-04
TOTAL	1.536E-02	1.180E-04	2.840E-04	3.260E-04	2.050E-03	6.710E-04	4.260E-04	2.450E-04	-	3.331E-03
STD. DEV.	+7.882E-04	+1.497E-05	+1.708E-05	+2.317E-05	+9.448E-05	+7.949E-05	+5.854E-05	+2.675E-05	-	+8.358E-05

**AIR
VOLUME**

JANUARY	3.639E+11
FEBRUARY	2.911E+11
MARCH	2.911E+11
APRIL	2.911E+11
MAY	3.639E+11
JUNE	2.911E+11
JULY	3.857E+11
AUGUST	3.273E+11
SEPTEMBER	4.092E+11
OCTOBER	3.273E+11
NOVEMBER	3.273E+11
DECEMBER	4.092E+11
TOTAL	4.078E+12
STD. DEV.	+4.557E+10

LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

ATMOSPHERIC

222-R STACKS

	SR-89									
	20	73-92	NR-92	RU-103	RU-106	I-131	CS-134	CS-137	CE-137	
JANUARY	9.610E+03	-	1.530E-04	4.600E-04	4.190E-04	8.307E-03	1.250E-02	9.000E-06	8.300E-05	3.000E-05
FEBRUARY	1.214E+04	2.900E-05	9.400E-05	1.410E-04	6.400E-05	3.286E-03	6.280E-04	1.500E-05	8.500E-05	-
MARCH	1.139E+04	-	7.100E-05	6.000E-05	8.000E-05	5.960E-04	3.520E-04	-	1.800E-05	-
APRIL	1.172E+04	-	1.260E-04	7.900E-05	5.900E-05	1.124E-03	1.183E-03	-	2.900E-05	-
MAY	1.423E+04	-	1.890E-04	1.450E-04	4.040E-04	1.833E-03	5.911E-03	9.000E-06	3.800E-05	-
JUNE	9.836E+03	-	1.530E-04	1.210E-04	2.930E-04	1.435E-03	1.104E-02	-	1.100E-05	-
JULY	1.238E+04	-	1.400E-04	9.100E-05	1.820E-04	5.360E-04	7.894E-03	-	8.000E-06	-
AUGUST	1.955E+04	-	1.640E-04	1.300E-04	3.390E-04	1.092E-03	2.053E-03	-	1.700E-05	-
SEPTEMBER	1.081E+04	1.300E-04	1.670E-04	1.670E-04	3.190E-04	1.367E-03	5.602E-03	8.700E-05	2.880E-04	-
OCTOBER	1.349E+04	-	3.000E-05	1.620E-04	5.560E-04	1.815E-03	7.904E-03	2.200E-05	1.050E-04	-
NOVEMBER	1.488E+04	-	1.700E-05	4.000E-05	7.260E-04	8.860E-04	5.853E-03	-	-	-
DECEMBER	1.623E+04	-	1.200E-05	4.100E-05	1.920E-04	6.750E-04	1.073E-03	9.000E-06	6.100E-05	-
TOTAL	1.563E+05	1.590E-04	1.316E-03	1.637E-03	3.633E-03	2.295E-02	6.200E-02	1.510E-04	7.430E-04	3.000E-05
STD. DEV.	±2.864E+03	±7.141E-05	±6.302E-05	±1.113E-04	±2.048E-04	±2.149E-03	±4.163E-03	±3.072E-05	±8.043E-05	-

	OTHER B-QR-G	AM-241 243	CM-242 245	U-235 238	PU-238 239	PU-238 239	PU-238 239	OTHER ALPHA	TOTAL ALPHA	
JANUARY	4.530E-04	-	2.000E-06	1.000E-06	2.500E-05	9.900E-05	9.900E-05	-	1.270E-04	-
FEBRUARY	6.710E-04	-	1.000E-06	2.000E-06	2.000E-05	3.100E-05	3.100E-05	-	5.400E-05	-
MARCH	7.500E-05	-	1.000E-06	2.000E-06	1.300E-05	5.000E-05	5.000E-05	-	6.600E-05	-
APRIL	1.660E-04	-	2.000E-06	1.000E-06	6.000E-06	2.500E-05	2.500E-05	-	3.400E-05	-
MAY	2.160E-04	-	4.000E-06	-	3.600E-05	1.600E-05	1.600E-05	-	5.600E-05	-
JUNE	7.400E-05	-	1.000E-06	2.000E-06	1.400E-05	5.800E-05	5.800E-05	-	7.500E-05	-
JULY	3.300E-05	-	1.000E-06	1.000E-06	2.000E-05	1.300E-05	7.000E-06	6.000E-06	3.500E-05	-
AUGUST	1.290E-04	-	3.000E-06	1.000E-06	4.100E-05	1.660E-04	1.660E-04	-	2.110E-04	-
SEPTEMBER	5.130E-04	-	5.000E-06	2.000E-06	7.200E-05	2.860E-04	2.860E-04	-	3.650E-04	-
OCTOBER	1.100E-05	-	2.000E-06	2.000E-06	2.000E-05	8.000E-05	8.000E-05	-	1.040E-04	-
NOVEMBER	-	-	3.000E-06	3.000E-06	9.300E-05	2.170E-04	8.700E-05	1.300E-04	3.160E-04	-
DECEMBER	2.400E-05	-	4.600E-05	4.600E-05	2.600E-05	5.900E-05	4.100E-05	1.800E-05	1.770E-04	-
TOTAL	2.365E-03	-	7.100E-05	6.300E-05	3.860E-04	1.100E-03	9.460E-04	1.540E-04	1.620E-03	-
STD. DEV.	±2.266E-04	-	±1.268E-05	±1.337E-05	±2.575E-05	±8.695E-05	±7.861E-05	±6.839E-05	±1.110E-04	-

AIR
VOLUME

JANUARY	2.854E+11
FEBRUARY	2.283E+11
MARCH	2.283E+11
APRIL	2.283E+11
MAY	2.854E+11
JUNE	2.283E+11
JULY	2.691E+11
AUGUST	2.283E+11
SEPTEMBER	2.854E+11
OCTOBER	2.283E+11
NOVEMBER	2.283E+11
DECEMBER	2.854E+11
TOTAL	3.009E+12
STD. DEV.	±2.806E+10

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID

200-F SEEPAGE BASIN

		SR-89								
	---I---	CR-51	CO-58	CG-60	---90	SB-89	SR-90	ZR-95	NB-95	BU-103
JANUARY	2.042E+02	-	-	-	1.200E-02	-	1.200E-02	1.183E-02	1.719E-02	1.856E-03
FEBRUARY	4.499E+02	-	-	-	1.141E-02	-	1.100E-02	1.147E-02	1.421E-02	1.131E-03
MARCH	1.004E+03	-	-	-	1.571E-03	-	2.000E-03	5.448E-02	3.036E-02	1.162E-02
APRIL	5.476E+02	-	-	-	2.695E-03	-	3.000E-03	9.712E-02	3.782E-02	2.616E-02
MAY	5.169E+02	-	-	-	1.267E-03	-	1.000E-03	1.299E-01	5.604E-02	3.296E-02
JUNE	6.585E+02	-	-	-	1.654E-03	-	2.000E-03	2.731E-01	1.452E-01	1.369E-01
JULY	2.108E+02	-	-	-	1.673E-03	-	3.000E-03	2.194E-01	1.254E-01	7.167E-02
AUGUST	5.834E+02	-	-	-	1.881E-03	-	2.000E-03	3.817E-01	1.858E-01	2.480E-01
SEPTEMBER	1.003E+03	-	-	-	2.292E-02	9.000E-03	1.400E-02	2.910E-01	1.820E-01	7.800E-02
OCTOBER	1.233E+02	-	-	-	2.626E-03	-	2.000E-03	2.801E-01	2.925E-01	8.233E-02
NOVEMBER	3.307E+02	-	-	-	2.533E-03	-	3.000E-03	5.740E-02	6.420E-02	3.498E-02
DECEMBER	3.359E+02	-	-	-	4.730E-03	-	5.000E-03	2.610E-02	2.912E-02	-
TOTAL	5.970E+03	-	-	-	6.698E-02	9.000E-03	6.000E-02	1.833E+00	1.180E+00	7.257E-01
STD. DEV.	±2.803E+02	-	-	-	±6.621E-03	-	±4.572E-03	±1.296E-01	±8.790E-02	±7.316E-02

	BU-104	I-131	CS-134	CS-137	CE-141	CE-144	PM-147	OTHER B OR G	AM-241 CM-244	U-235 ---238
JANUARY	3.052E-01	-	2.366E-02	2.826E-02	-	5.842E-02	2.300E-02	-	6.700E-02	2.000E-03
FEBRUARY	4.342E-01	-	6.230E-04	1.197E-02	-	3.471E-03	8.000E-03	-	3.000E-03	1.000E-02
MARCH	1.018E+00	-	-	4.171E-03	-	-	-	-	2.000E-03	1.400E-02
APRIL	9.792E-01	-	8.856E-04	8.635E-03	-	1.830E-02	3.000E-03	-	1.000E-03	1.300E-02
MAY	1.161E+00	-	9.030E-04	8.540E-02	-	-	1.800E-02	-	1.000E-03	2.100E-02
JUNE	1.452E+00	-	-	6.264E-02	-	-	1.000E-02	-	1.000E-03	1.600E-02
JULY	1.439E+00	-	-	9.941E-03	-	-	4.000E-03	-	1.000E-03	1.100E-02
AUGUST	2.157E+00	-	8.018E-04	4.414E-02	-	-	-	-	1.000E-03	1.100E-02
SEPTEMBER	5.360E-01	-	-	3.100E-02	1.678E-03	1.277E-01	-	-	3.000E-03	2.000E-03
OCTOBER	1.092E+00	-	-	4.976E-02	-	2.093E-02	-	-	3.000E-03	1.000E-03
NOVEMBER	5.903E-01	-	-	8.367E-02	-	-	-	-	5.000E-03	2.000E-03
DECEMBER	5.124E-02	-	1.062E-03	1.852E-01	-	-	-	6.994E-03	5.000E-03	4.000E-03
TOTAL	1.121E+01	-	2.754E-02	6.048E-01	1.678E-03	2.288E-01	6.600E-02	6.994E-03	9.300E-02	1.070E-01
STD. DEV.	±5.883E-01	-	±9.313E-03	±5.096E-02	-	±5.009E-02	±7.949E-03	-	±1.871E-02	±6.598E-03

	PU-238	PU-239	TOTAL ALPHA	PH	WATER VOLUME
JANUARY	1.000E-03	2.000E-03	7.243E-02	-	2.899E+07
FEBRUARY	1.000E-03	9.000E-03	2.298E-02	-	2.141E+07
MARCH	-	1.000E-03	1.743E-02	-	1.735E+07
APRIL	-	-	1.358E-02	-	1.405E+07
MAY	-	-	2.228E-02	-	1.159E+07
JUNE	-	-	1.693E-02	-	1.366E+07
JULY	-	-	1.252E-02	-	1.374E+07
AUGUST	-	-	1.217E-02	-	1.835E+07
SEPTEMBER	1.000E-03	-	6.000E-03	-	1.611E+07
OCTOBER	1.000E-03	1.000E-03	8.408E-03	-	6.060E+06
NOVEMBER	2.000E-03	1.000E-03	9.855E-03	-	2.026E+07
DECEMBER	1.000E-03	2.000E-03	1.206E-02	-	9.450E+06
TOTAL	7.000E-03	1.600E-02	2.247E-01	-	1.910E+08
STD. DEV.	±4.082E-04	±3.141E-03	±1.774E-02	-	±6.023E+06

- LESS THAN SENSITIVITY OF ANALYSES

SEPARATIONS AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID

200-B SEEPAGE BASIN

	SR-89									
	I	CB-51	CG-58	CO-60	ZN-65	90	SR-89	SR-90	ZR-95	NB-95
JANUARY	1.098E+03	9.560E-02	-	2.459E-03	-	3.314E-01	2.400E-02	3.070E-01	3.052E-02	4.650E-02
FEBRUARY	7.389E+02	1.094E-01	-	1.445E-03	-	2.330E-01	4.500E-02	1.880E-01	3.142E-02	2.805E-02
MARCH	7.331E+02	-	-	-	-	1.899E+00	-	1.899E+00	3.800E-01	4.000E-02
APRIL	6.650E+02	2.815E-02	-	1.019E-02	2.642E-03	5.985E-02	-	6.000E-02	2.031E-02	2.221E-02
MAY	8.197E+02	1.446E-01	-	6.039E-03	-	2.544E-02	-	2.500E-02	1.708E-02	1.155E-02
JUNE	6.719E+02	4.925E-02	-	9.628E-03	1.528E-02	1.317E-02	-	1.300E-02	2.035E-02	2.002E-02
JULY	4.680E+02	2.478E-02	-	5.310E-03	6.355E-03	9.370E-03	-	9.000E-03	1.615E-02	9.843E-03
AUGUST	1.347E+03	7.478E-02	-	1.615E-02	1.910E-02	1.163E-02	-	1.200E-02	1.498E-02	1.077E-02
SEPTEMBER	4.994E+02	1.103E-01	-	8.857E-03	1.567E-02	2.527E-02	1.000E-03	2.400E-02	5.171E-03	7.309E-03
OCTOBER	5.420E+01	3.829E-02	-	1.403E-02	1.268E-02	2.095E-02	-	2.100E-02	2.179E-03	4.479E-03
NOVEMBER	3.962E+02	6.002E-02	-	2.049E-02	6.259E-03	3.283E-02	4.000E-03	2.900E-02	6.388E-03	8.506E-03
DECEMBER	1.777E+01	4.159E-02	-	8.407E-03	1.871E-03	2.370E-02	-	2.400E-02	-	2.211E-03
TOTAL	7.511E+03	7.769E-01	-	1.030E-01	7.987E-02	2.686E+00	7.400E-02	2.611E+00	5.445E-01	2.114E-01
STD. DEV.	±3.314E+02	±3.946E-02	-	±5.760E-03	±6.520E-03	±5.376E-01	±2.040E-02	±5.375E-01	±1.100E-01	±1.418E-02

	OTHER									
	BU-103	BU-124	125	I-131	CS-134	CS-137	CE-141	CE-144	PM-147	B-DB-9
JANUARY	1.511E-01	5.814E-01	3.431E-02	3.815E-03	3.482E-02	2.357E-01	3.181E-03	2.677E-01	6.200E-02	2.271E-02
FEBRUARY	3.529E-02	3.959E-01	1.051E-02	-	4.770E-02	3.488E-01	-	5.537E-01	1.260E-01	3.794E-02
MARCH	6.000E-03	1.769E+00	-	-	8.600E-01	2.769E+00	-	2.300E+01	-	1.808E-02
APRIL	3.653E-02	2.514E-01	3.101E-03	-	3.652E-02	3.572E-01	-	2.103E-01	-	1.498E-02
MAY	6.347E-02	2.721E-01	-	1.085E-02	2.418E-02	2.668E-01	-	1.939E-01	3.000E-02	1.007E-02
JUNE	1.658E-01	3.330E-01	5.056E-04	3.594E-03	1.268E-02	1.566E-01	1.162E-03	8.240E-02	-	3.343E-02
JULY	1.334E-01	1.732E-01	-	5.261E-03	7.770E-03	1.432E-01	1.938E-03	3.711E-02	3.000E-03	1.300E-02
AUGUST	6.036E-02	1.339E-01	8.541E-04	7.446E-04	4.875E-03	1.106E-01	-	1.312E-02	-	3.940E-02
SEPTEMBER	4.600E-02	2.323E-01	-	5.829E-03	7.160E-03	1.032E-01	5.856E-04	3.419E-02	-	4.481E-03
OCTOBER	5.081E-02	2.682E-01	-	-	5.885E-03	9.884E-02	4.424E-03	4.003E-02	-	2.383E-02
NOVEMBER	4.391E-02	1.510E-01	5.449E-03	1.139E-02	5.826E-02	8.012E-01	-	5.813E-02	-	4.809E-03
DECEMBER	2.953E-02	9.488E-02	-	2.916E-03	1.196E-02	1.646E-01	-	2.483E-02	-	1.979E-02
TOTAL	3.223E-01	4.657E+00	5.473E-02	4.440E-02	1.111E+00	5.557E+00	1.169E-02	2.451E+01	2.210E-01	2.425E-01
STD. DEV.	±5.185E-02	±4.546E-01	±1.287E-02	±3.765E-03	±2.423E-01	±7.521E-01	±1.452E-03	±6.601E+00	±5.297E-02	±1.186E-02

	A4-241		U-235		TOTAL		WATER	
	CM-244	238	PU-238	PU-239	ALPHA	PH	VOLUME	
JANUARY	-	1.000E-03	2.000E-03	-	2.826E-03	-	1.337E+07	
FEBRUARY	-	1.000E-03	4.000E-03	-	4.794E-03	-	1.781E+07	
MARCH	1.000E-03	2.000E-03	6.000E-03	-	9.102E-03	-	1.795E+07	
APRIL	-	1.000E-03	3.000E-03	-	4.512E-03	-	9.890E+06	
MAY	-	1.000E-03	2.000E-03	-	3.335E-03	-	1.175E+07	
JUNE	1.000E-03	-	3.000E-03	-	3.987E-03	-	4.780E+06	
JULY	-	-	2.000E-03	-	1.631E-03	-	7.940E+06	
AUGUST	1.000E-03	-	1.000E-03	-	1.601E-03	-	1.540E+07	
SEPTEMBER	-	1.000E-03	1.000E-03	-	1.929E-03	-	1.605E+07	
OCTOBER	-	-	1.000E-03	-	1.313E-03	-	1.118E+07	
NOVEMBER	-	1.000E-03	2.000E-03	-	3.366E-03	-	1.584E+07	
DECEMBER	-	-	1.000E-03	-	1.153E-03	-	1.037E+07	
TOTAL	3.000E-03	8.000E-03	2.800E-02	-	3.955E-02	-	1.523E+08	
STD. DEV.	-	±3.779E-04	±1.497E-03	-	±2.219E-03	-	±4.095E+06	

- LESS THAN SENSITIVITY OF ANALYSES

CURIES - (VOLUME, LITERS)

200-F EFFLUENT

	SR-89	CS-134	OTHER	TOTAL	WATER	
-----I-----	-----2Q-----	-----13T-----	B-OR-G	ALPHA	VOLUME	
JANUARY	1.500E-01	3.000E-05	1.850E-03	6.560E-03	4.400E-04	1.518E+0
FEBRUARY	1.889E+00	-	3.620E-03	9.700E-03	9.600E-04	2.249E+0
MARCH	3.300E-01	6.900E-04	2.940E-03	4.340E-03	5.200E-04	1.893E+0
APRIL	6.000E-01	4.900E-04	4.840E-03	5.840E-03	2.600E-04	2.135E+0
MAY	7.400E-01	1.500E-04	1.630E-03	1.275E-02	2.700E-04	1.538E+0
JUNE	8.000E-01	2.000E-04	4.740E-03	1.478E-02	3.700E-04	1.516E+0
JULY	1.739E+00	3.700E-04	2.890E-03	4.340E-03	2.400E-04	2.201E+0
AUGUST	3.800E-01	2.100E-04	2.750E-03	6.720E-03	5.100E-04	1.581E+0
SEPTEMBER	1.219E+00	-	4.520E-03	7.760E-03	3.500E-04	2.411E+0
OCTOBER	6.800E-01	3.000E-05	2.510E-03	3.270E-03	2.600E-04	2.062E+0
NOVEMBER	1.500E-01	1.600E-04	1.930E-03	7.700E-04	1.800E-04	1.744E+0
DECEMBER	2.500E-01	6.100E-04	6.900E-04	7.100E-04	1.600E-04	1.644E+0
TOTAL	9.429E+00	2.940E-03	3.491E-02	7.754E-02	4.500E-03	2.249E+0
STD. DEV.	5.782E-01	2.344E-04	1.314E-03	4.327E-03	2.139E-04	3.251E+0

200-H EFFLUENT

	SR-89	CS-134	OTHER	TOTAL	WATER
	20	137	B OR G	ALPHA	VOLUME
JANUARY	4.209E+00	1.220E-03	2.930E-03	5.600E-04	1.125E+0
FEBRUARY	2.679E+00	8.200E-04	4.500E-04	4.800E-04	1.160E+0
MARCH	3.319E+00	1.120E-03	1.270E-03	1.560E-03	9.329E+C
APRIL	1.189E+01	1.100E-03	1.640E-03	2.600E-04	1.287E+0
MAY	3.259E+00	9.300E-04	1.810E-03	2.490E-03	1.054E+C
JUNE	9.779E+00	9.030E-04	1.200E-03	2.110E-03	8.351E+C
JULY	8.569E+00	6.600E-04	1.800E-03	3.010E-03	1.003E+0
AUGUST	5.619E+00	7.300E-04	4.800E-04	2.430E-03	8.848E+C
SEPTEMBER	1.091E+01	3.100E-04	1.720E-03	5.200E-04	1.610E+0
OCTOBER	4.869E+00	1.100E-04	9.500E-04	1.360E-03	1.015E+C
NOVEMBER	3.949E+00	-	8.100E-04	1.350E-03	9.112E+0
DECEMBER	2.679E+00	4.000E-05	5.500E-04	2.650E-03	1.270E+0
TOTAL	8.015E+01	7.940E-03	1.521E-02	4.030E-02	1.305E+0
STD. DEV.	+3.124E+00	+6.058E-04	+7.094E-04	+2.286E-03	+2.220E+0

- LESS THAN SENSITIVITY OF ANALYSES

RAW MATERIALS AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

ATMOSPHERIC		
313-M		
	U-238	AIR VOLUME
JANUARY	-	7.438E+10
FEBRUARY	-	7.438E+10
MARCH	-	7.438E+10
APRIL	3.000E-09	7.438E+10
MAY	4.000E-09	7.438E+10
JUNE	9.100E-08	7.438E+10
JULY	7.000E-08	7.438E+10
AUGUST	1.854E-06	7.438E+10
SEPTEMBER	4.000E-09	7.438E+10
OCTOBER	2.200E-07	7.438E+10
NOVEMBER	-	7.438E+10
DECEMBER	-	7.438E+10
TOTAL	2.246E-06	8.925E+11
STD. DEV.	+6.804E-07	-

ATMOSPHERIC		
321-M		
	TOTAL ALPHA	AIR VOLUME
JANUARY	5.020E-07	3.744E+10
FEBRUARY	1.640E-06	3.744E+10
MARCH	5.270E-07	3.744E+10
APRIL	2.090E-07	3.744E+10
MAY	3.870E-07	3.744E+10
JUNE	3.250E-07	3.744E+10
JULY	7.400E-07	3.744E+10
AUGUST	2.280E-07	3.744E+10
SEPTEMBER	2.560E-07	3.744E+10
OCTOBER	5.200E-07	3.744E+10
NOVEMBER	4.000E-08	3.744E+10
DECEMBER	-	3.744E+10
TOTAL	5.374E-06	4.492E+11
STD. DEV.	+4.277E-07	-

ATMOSPHERIC		
322-M STACKS		
	TOTAL ALPHA	AIR VOLUME
JANUARY	-	1.476E-06 6.199E+07
FEBRUARY	-	3.700E-07 6.199E+07
MARCH	-	3.570E-07 6.199E+07
APRIL	-	9.000E-09 6.199E+07
MAY	-	1.300E-08 6.199E+07
JUNE	-	6.170E-07 6.199E+07
JULY	-	5.900E-07 6.199E+07
AUGUST	-	3.400E-08 6.199E+07
SEPTEMBER	-	8.000E-09 6.199E+07
OCTOBER	-	6.700E-08 6.199E+07
NOVEMBER	-	1.600E-08 6.199E+07
DECEMBER	-	7.000E-09 6.199E+07
TOTAL	-	3.564E-06 7.438E+08
STD. DEV.	-	+4.389E-07 -

LIQUID		
320-M SEEPAGE BASIN		
	U-235	WATER
	238	VOLUME
JANUARY	6.753E-03	2.703E+06
FEBRUARY	4.297E-03	2.935E+06
MARCH	3.580E-03	2.896E+06
APRIL	1.270E-02	2.861E+06
MAY	5.623E-03	2.896E+06
JUNE	2.441E-03	2.649E+06
JULY	3.161E-03	3.018E+06
AUGUST	4.487E-03	2.646E+06
SEPTEMBER	8.550E-04	2.870E+06
OCTOBER	6.701E-03	2.699E+06
NOVEMBER	5.303E-03	2.868E+06
DECEMBER	3.547E-03	2.840E+06
TOTAL	6.044E-02	3.388E+07
STD. DEV.	+1.014E-03	1.200E+05

LIQUID		
TMS BRANCH M EFF		
	U-235	WATER
	238	VOLUME
JANUARY	3.747E-03	1.695E+07
FEBRUARY	4.488E-03	8.902E+06
MARCH	3.468E-03	1.306E+07
APRIL	9.986E-03	1.187E+07
MAY	5.047E-03	1.230E+07
JUNE	2.614E-03	1.155E+07
JULY	1.936E-03	1.408E+07
AUGUST	1.807E-03	1.482E+07
SEPTEMBER	3.919E-03	1.408E+07
OCTOBER	1.764E-02	1.481E+07
NOVEMBER	3.535E-03	1.186E+07
DECEMBER	5.966E-03	1.350E+07
TOTAL	6.410E-02	1.547E+08

- LESS THAN SENSITIVITY OF ANALYSES

400-D AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

ATMOSPHERIC		
420-D		
	I	AIR VOLUME
JANUARY	6.000E+01	6.819E+09
FEBRUARY	8.000E+01	6.819E+09
MARCH	8.000E+01	6.819E+09
APRIL	6.000E+01	6.819E+09
MAY	7.000E+01	6.819E+09
JUNE	6.000E+01	6.819E+09
JULY	5.000E+01	6.819E+09
AUGUST	4.000E+01	6.819E+09
SEPTEMBER	7.000E+01	6.819E+09
OCTOBER	6.000E+01	6.819E+09
NOVEMBER	5.000E+01	6.819E+09
DECEMBER	4.000E+01	6.819E+09
TOTAL	7.200E+02	8.182E+10
STD. DEV.	+1.348E+01	-

ATMOSPHERIC		
421-20		
	I	AIR VOLUME
JANUARY	8.000E+01	1.050E+10
FEBRUARY	6.000E+01	1.050E+10
MARCH	7.000E+01	1.050E+10
APRIL	8.000E+01	1.050E+10
MAY	6.000E+01	1.050E+10
JUNE	7.000E+01	1.050E+10
JULY	6.000E+01	1.050E+10
AUGUST	6.000E+01	1.050E+10
SEPTEMBER	6.000E+01	1.050E+10
OCTOBER	5.000E+01	1.050E+10
NOVEMBER	4.000E+01	1.050E+10
DECEMBER	6.000E+01	1.050E+10
TOTAL	7.500E+02	1.260E+11
STD. DEV.	+1.138E+01	-

ATMOSPHERIC		
112-D		
	I	AIR VOLUME
JANUARY	6.000E+01	9.174E+09
FEBRUARY	7.000E+01	9.174E+09
MARCH	6.000E+01	9.174E+09
APRIL	7.000E+01	9.174E+09
MAY	7.000E+01	9.174E+09
JUNE	6.000E+01	9.174E+09
JULY	6.000E+01	9.174E+09
AUGUST	6.000E+01	9.174E+09
SEPTEMBER	6.000E+01	9.174E+09
OCTOBER	7.000E+01	9.174E+09
NOVEMBER	8.000E+01	9.174E+09
DECEMBER	6.000E+01	9.174E+09
TOTAL	7.800E+02	1.100E+11
STD. DEV.	+6.741E+00	-

- LESS THAN SENSITIVITY OF ANALYSES

400-D AREA RADIOACTIVE RELEASES FOR 1979
CURIES - (VOLUME, LITERS)

LIQUID						
420-D						
	I	SR- 89.90	CS-134 137	OTHER B. OR. G	TOTAL ALPHA	WATER VOLUME
JANUARY	-	-	-	-	-	-
FEBRUARY	1.381E+02	-	-	8.585E-06	1.230E-07	1.230E+04
MARCH	1.334E+02	-	-	2.122E-06	-	1.160E+04
APRIL	-	-	-	-	-	-
MAY	4.511E+01	-	-	3.110E-06	-	5.050E+03
JUNE	1.212E+02	-	-	3.178E-05	-	1.020E+04
JULY	-	-	-	-	-	-
AUGUST	-	-	-	-	-	-
SEPTEMBER	1.017E+02	-	-	3.981E-06	-	9.070E+03
OCTOBER	-	-	-	-	-	-
NOVEMBER	-	-	-	-	-	-
DECEMBER	-	-	-	-	-	-
TOTAL	5.397E+02	-	-	4.958E-05	1.230E-07	4.822E+04
STD. DEV.	±3.784E+01	-	-	±1.247E-05	-	±2.855E+03

LIQUID						
421-2D						
	I	SR- 89.90	CS-134 137	OTHER B. OR. G	TOTAL ALPHA	WATER VOLUME
JANUARY	7.762E+01	1.626E-05	2.168E-05	6.883E-04	5.420E-06	5.420E+04
FEBRUARY	3.986E+01	-	-	2.198E-03	1.800E-06	6.000E+04
MARCH	1.403E+01	1.100E-05	1.100E-05	3.153E-03	3.000E-06	1.090E+05
APRIL	1.896E+01	1.048E-05	1.258E-05	7.468E-04	2.796E-06	4.660E+04
MAY	6.636E+01	1.026E-05	1.512E-05	5.458E-04	2.160E-06	5.400E+04
JUNE	2.760E+01	-	-	3.240E-03	1.552E-06	7.760E+04
JULY	-	-	-	-	-	-
AUGUST	-	-	-	-	-	-
SEPTEMBER	5.671E+01	9.432E-06	2.102E-05	1.335E-03	1.078E-06	5.390E+04
OCTOBER	2.959E+01	1.832E-05	1.773E-05	7.307E-04	5.910E-07	5.910E+04
NOVEMBER	3.219E+01	-	1.326E-05	4.336E-04	1.206E-06	6.030E+04
DECEMBER	1.363E+02	1.317E-05	-	2.989E-03	1.098E-06	1.098E+05
TOTAL	4.993E+02	8.893E-05	1.124E-04	1.606E-02	2.070E-05	6.845E+05
STD. DEV.	±3.671E+01	±3.389E-06	±4.190E-06	±1.166E-03	±1.407E-06	±2.300E+04

LIQUID						
772-D						
	I	SR- 89.90	CS-134 137	OTHER B. OR. G	TOTAL ALPHA	WATER VOLUME
JANUARY	1.942E+01	-	2.125E-05	1.986E-05	-	4.620E+05
FEBRUARY	1.949E+01	-	-	2.912E-06	-	4.160E+05
MARCH	3.377E+01	-	-	1.686E-04	-	4.620E+05
APRIL	4.260E+01	-	-	2.905E-05	-	4.470E+05
MAY	3.258E+01	-	-	1.168E-04	-	4.620E+05
JUNE	3.013E+01	-	-	5.140E-05	-	4.470E+05
JULY	2.987E+01	-	6.976E-05	3.234E-06	-	4.620E+05
AUGUST	3.118E+01	-	-	1.432E-05	-	4.620E+05
SEPTEMBER	3.493E+01	-	-	1.725E-04	-	4.470E+05
OCTOBER	9.099E+01	-	-	4.620E-05	-	4.620E+05
NOVEMBER	2.365E+02	-	-	1.122E-04	-	4.470E+05
DECEMBER	1.355E+02	-	7.530E-05	8.408E-05	-	4.620E+05
TOTAL	7.371E+02	-	1.663E-04	8.213E-04	-	5.438E+06
STD. DEV.	±6.474E+01	-	±2.973E-05	±6.146E-05	-	±1.374E+04

- LESS THAN SENSITIVITY OF ANALYSES

ATMOSPHERIC

773-A

	I	CO-60	CO-60	I-131	I-132	OTHER B OR G	TOTAL ALPHA	AIR VOLUME
JANUARY	-	1.600E-05	-	2.360E-04	-	-	-	2.714E+11
FEBRUARY	-	1.300E-05	-	4.500E-05	-	-	-	2.714E+11
MARCH	-	7.000E-06	-	4.800E-05	-	-	-	2.714E+11
APRIL	-	2.300E-05	-	2.400E-04	-	-	-	2.714E+11
MAY	-	5.600E-05	-	1.286E-03	-	-	-	2.714E+11
JUNE	-	5.100E-05	-	2.210E-04	-	-	-	2.714E+11
JULY	-	4.400E-05	-	9.900E-05	-	-	-	2.714E+11
AUGUST	-	4.800E-05	-	8.700E-05	-	-	-	2.714E+11
SEPTEMBER	-	8.100E-05	-	1.640E-04	-	-	-	2.714E+11
OCTOBER	-	5.400E-05	-	2.160E-04	-	-	-	2.714E+11
NOVEMBER	-	6.000E-06	-	4.170E-04	-	-	-	2.714E+11
DECEMBER	-	1.000E-06	-	1.500E-04	-	-	-	2.714E+11
TOTAL	-	4.000E-04	-	3.209E-03	-	-	-	3.256E+12
STD. DEV.	-	±2.551E-05	-	±3.370E-04	-	-	-	-

TECHNICAL AREA RADIOACTIVE RELEASES FOR 1979

CURIES - (VOLUME, LITERS)

LIQUID

773-A SEEPAGE BASIN

	I	SR- 89-90	CS-134 137	OTHER B OR G	U-235 238	U-235 U235	PU-238	PU-239	OTHER ALPHA	WATER VOLUME
JANUARY	2.997E-02	-	4.262E-05	1.465E-05	1.039E-04	1.039E-04	-	-	-	2.220E+05
FEBRUARY	5.804E-02	-	6.644E-05	3.355E-05	7.459E-05	7.459E-05	-	-	-	2.470E+05
MARCH	8.587E-02	-	9.450E-05	1.792E-04	1.451E-04	1.526E-04	3.750E-06	3.750E-06	-	3.750E+05
APRIL	9.977E-02	-	-	1.122E-04	9.108E-05	1.821E-04	4.554E-05	4.554E-05	-	4.140E+05
MAY	7.848E-02	-	7.601E-05	3.090E-05	2.370E-04	2.370E-04	-	-	-	3.090E+05
JUNE	6.870E-02	-	1.177E-04	8.475E-05	9.333E-05	9.831E-05	2.486E-06	2.486E-06	-	2.260E+05
JULY	1.010E-01	6.355E-05	5.213E-04	3.188E-05	1.750E-04	1.842E-04	4.683E-06	4.460E-06	-	2.230E+05
AUGUST	4.850E-02	-	1.602E-04	8.147E-05	1.034E-04	1.294E-04	1.313E-05	1.286E-05	-	2.680E+05
SEPTEMBER	3.284E-02	2.244E-05	1.887E-04	-	1.419E-04	1.419E-04	-	-	-	2.040E+05
OCTOBER	7.984E-02	-	1.155E-04	-	4.731E-05	4.974E-05	1.122E-06	1.309E-06	-	1.870E+05
NOVEMBER	8.576E-02	-	8.211E-04	-	6.458E-05	6.807E-05	1.876E-06	1.608E-06	-	2.680E+05
DECEMBER	1.402E-01	-	4.305E-04	-	2.960E-05	4.995E-05	1.017E-05	1.017E-05	1.165E-04	1.850E+05
TOTAL	9.090E-01	8.599E-05	2.634E-03	5.687E-04	1.307E-03	1.472E-03	8.276E-05	8.219E-05	1.165E-04	3.128E+05
STD. DEV.	±3.110E-02	±2.907E-05	±2.469E-04	±5.532E-05	±5.802E-05	±5.920E-05	±1.483E-05	±1.484E-05	-	±7.242E+04

LIQUID

TIMS BRANCH A EFF

	OTHER B OR G	TOTAL ALPHA	WATER VOLUME
JANUARY	1.520E-04	4.600E-05	3.314E+07
FEBRUARY	4.800E-05	4.300E-05	3.314E+07
MARCH	-	4.800E-05	3.314E+07
APRIL	-	5.900E-05	3.314E+07
MAY	-	6.300E-05	3.314E+07
JUNE	-	4.900E-05	3.314E+07
JULY	4.500E-05	6.400E-05	3.314E+07
AUGUST	9.000E-05	4.900E-05	3.314E+07
SEPTEMBER	-	2.100E-05	3.314E+07
OCTOBER	-	2.000E-05	3.314E+07
NOVEMBER	-	4.000E-06	3.314E+07
DECEMBER	-	3.400E-05	3.314E+07
TOTAL	3.350E-04	5.000E-04	3.976E+08
STD. DEV.	±1.992E-05	±1.857E-05	-

LIQUID

CM8-SEEPAGE BASIN

	OTHER B OR G	U-235 238	WATER VOLUME
JANUARY	-	3.000E-07	1.000E+05
FEBRUARY	-	8.100E-06	1.000E+05
MARCH	-	3.900E-06	1.000E+05
APRIL	-	-	1.000E+05
MAY	-	1.000E-06	1.000E+05
JUNE	-	-	1.000E+05
JULY	-	-	1.000E+05
AUGUST	-	4.000E-07	1.000E+05
SEPTEMBER	-	-	-
OCTOBER	-	-	-
NOVEMBER	-	-	-
DECEMBER	-	-	-
TOTAL	-	1.370E-05	8.000E+05
STD. DEV.	-	±3.336E-06	-

- LESS THAN SENSITIVITY OF ANALYSES