

MEASUREMENTS AND APPROXIMATIONS:

- A. Fission and activation gases: The D-1 chimney and D-2/3 chimney are sampled daily (beginning in April 1985) via a grab sample. The D-2 and D-3 Reactor Vents are sampled weekly via grab sample. The samples are analyzed for specific isotopes present in the release using a Ge(Li) spectrometry system. Tritium is collected via a monthly grab sample (beginning in April 1985) and analyzed using a Liquid Scintillation counter.
- B. Iodine and Particulate: Iodine and particulate samples from the D-1 Chimney, the D-2/3 Chimney, and the D-2 and D-3 Reactor Vents are collected for a seven day period. These samples are analyzed for specific nuclides present in the release using a Ge(Li) spectrometry system. A monthly composite is sent to a vendor to be analyzed for Sr-89, Sr-90, and Gross Alpha activity.
- C. Liquid Effluents: Prior to a release duplicate grab samples are collected from each batch and analyzed for gross activity using a gas flow proportional counter. Rad-waste batch discharges are also analyzed for specific isotopes present in the release using a Ge(Li) spectrometry system. A composite of all batches for the month is sent to a vendor to be analyzed for Sr-89, Sr-90, Fe-55, and Gross Alpha. One of the LPCI samples for each month is analyzed for specific isotopes present in the releases using a Ge(Li) spectrometry system. This sample is sent to a vendor to be analyzed for Sr-89, Sr-90, Fe-55, and Gross Alpha activity.

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DRESDEN NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

JANUARY Through JUNE 1985
GASEOUS EFFLUENTS

SUMMATION OF ALL RELEASES

Docket Nos. 50-10, 50-237, 50-249

	UNIT	1st QUARTER	2nd QUARTER
A. FISSION AND ACTIVATION GASES			
1. Total Release	Ci	7.97E+02	1.09E+03
2. Average Release Rate for Period	uCi/sec	1.03E+02	1.39E+02
3. Percent of Technical Specification Limit	%	*	*
B. IODINES			
1. Total Iodine-131	Ci	1.68E-02	2.34E-02
2. Average Release Rate for Period	uCi/sec	2.16E-03	2.98E-03
3. Percent of Technical Specification Limit	%	*	*
C. PARTICULATES			
1. Particulates with half-lives >8 days	Ci	2.59E-02	3.24E-02
2. Average Release Rate for Period	uCi/sec	3.33E-03	4.12E-03
3. Percent of Technical Specification Limit	%	*	*
4. Gross Alpha Radioactivity	Ci	1.95E-04	4.73E-06
D. TRITIUM			
1. Total Release	Ci	2.84E+01	1.11E+01
2. Average Release Rate for Period	uCi/sec	3.66E00	1.41E00
3. Percent of Technical Specification Limit	%	*	*

* Will be included in the Annual Report on Environmental Radioactivity Data

DRESDEN NUCLEAR POWER STATION UNIT 1
 EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT
JANUARY THROUGH JUNE 19 85

D-1 Chimney GASEOUS EFFLUENTS

 GROUND LEVEL RELEASES

 SEMI-ELEVATED RELEASES

XX ELEVATED RELEASES

Docket No. 50-10

CONTINUOUS MODE

BATCH MODE

NUCLIDES RELEASED	UNIT	1st QUARTER	2nd QUARTER	1st QUARTER	2nd QUARTER
FISSION GASES	Ci				
Xe-138	Ci	*	*		
Xe-135m	Ci	*	*		
Kr-87	Ci	*	*		
Kr-88	Ci	*	*		
Kr-85m	Ci	*	*		
Kr-85	Ci	*	*		
Xe-135	Ci	*	*		
Xe-133	Ci	*	*		
Others:	Ci				
	Ci				
TOTAL	Ci			NONE	NONE
IODINES					
I-131	Ci	*	*		
I-133	Ci	*	*		
I-135	Ci	*	*		
TOTAL	Ci			NONE	NONE
PARTICULATES					
Sr-89	Ci	1.86E-06	2.00E-06		
Sr-90	Ci	*	*		
Cr-51	Ci	*	*		
Mn-54	Ci	1.83E-07	*		
Co-58	Ci	*	*		
Fe-59	Ci	*	*		
Co-60	Ci	1.09E-05	2.39E-05		
Zr-95	Ci	*	*		
Nb-95	Ci	*	*		
Ru-103	Ci	*	*		
Ag-110m	Ci	*	*		
Sb-124	Ci	*	*		
I-131	Ci	*	*		
Cs-134	Ci	*	2.17E-07		
Cs-136	Ci	*	*		
Cs-137	Ci	6.64E-06	7.61E-06		
Ba-140	Ci	*	*		
Ce-141	Ci	*	*		
Ce-144	Ci	*	*		
Zn-65	Ci	*	*		
Ba-133	Ci	*	*		
Sb-125	Ci	*	*		
Others:	Ci				
	Ci				
	Ci				
	Ci				
	Ci				
TOTAL	Ci	1.96E-05	3.37E-05	NONE	NONE

*See Table for MDL of Each Nuclide

DRESDEN NUCLEAR POWER STATION

TABLE OF MINIMUM DETECTABLE LEVELS FOR GASEOUS EFFLUENTS

D-1 Chimney

GASEOUS EFFLUENTS

AVERAGE FLOW 50,000 cfm

Docket No. 50-10

MDL (uCi/cc)

% OF TIME < MDL

1. FISSION GASES

Xe-138	5.43E-08	100
Xe-135m	2.37E-08	100
Kr-87	3.88E-08	100
Kr-88	6.47E-08	100
Kr-85m	1.86E-08	100
Kr-85	5.73E-08	100
Xe-135	1.89E-08	100
Xe-133	5.18E-08	100
Others:		

2. IODINES

I-131	3.80E-14	100
I-133	4.40E-14	100
I-135	7.90E-14	100

3. PARTICULATES

Sr-90	1.00E-15	100
Cr-51	1.60E-13	100
Mn-54	3.30E-14	96
Co-58	3.50E-14	100
Fe-59	5.30E-14	100
Co-60	8.70E-14	0
Zr-95	3.10E-14	100
Nb-95	1.90E-14	100
Ru-103	1.90E-14	100
Ag-110m	1.90E-14	100
Sb-124	2.40E-14	100
I-131	2.00E-14	100
Cs-134	1.60E-12	96
Cs-136	5.30E-14	100
Cs-137	3.80E-14	0
Ba-140	6.70E-14	100
Ce-141	4.70E-14	100
Ce-144	2.00E-13	100
Zn-65	5.90E-14	100
Ba-133	2.60E-14	100
Sb-125	1.80E-14	100
Others: La-140	3.00E-14	100

DRESDEN NUCLEAR POWER STATION UNIT 2/3
EFFLUENT AND WASTE DISPOSAL SEMI-ANNUAL REPORT
JANUARY THROUGH JUNE 19 85

2/3 Chimney GASEOUS EFFLUENTS

GROUND LEVEL RELEASES

SEMI-ELEVATED RELEASES

XX ELEVATED RELEASES

Docket Nos. 50-237, 50-249

CONTINUOUS MODE

BATCH MODE

NUCLIDES RELEASED	UNIT	1st QUARTER	2nd QUARTER	1st QUARTER	2nd QUARTER
FISSION GASES	Ci				
Xe-138	Ci	2.69E+02	4.18E+02		
Xe-135m	Ci	5.15E+01	4.99E+01		
Kr-87	Ci	*	6.39E+01		
Kr-88	Ci	*	8.78E+01		
Kr-85m	Ci	*	3.19E+01		
Kr-85	Ci	2.70E-02	3.56E-02		
Xe-135	Ci	4.60E+02	3.78E+02		
Xe-133	Ci	*	2.63E+01		
Others:	Ci				
	Ci				
TOTAL	Ci	7.81E+02	1.06E+03	NONE	NONE
IODINES					
I-131	Ci	1.53E-02	2.21E-02		
I-133	Ci	9.42E-02	1.05E-01		
I-135	Ci	1.64E-01	1.24E-01		
TOTAL	Ci	2.74E-01	2.51E-01	NONE	NONE
PARTICULATES					
Sr-89	Ci	3.30E-03	4.92E-03		
Sr-90	Ci	9.13E-05	7.05E-06		
Cr-51	Ci	*	*		
Mn-54	Ci	9.93E-05	1.28E-04		
Co-58	Ci	*	2.72E-05		
Fe-59	Ci	*	3.37E-05		
Co-60	Ci	4.05E-04	1.17E-03		
Zr-95	Ci	*	*		
Nb-95	Ci	*	*		
Ru-103	Ci	*	*		
Ag-110m	Ci	*	8.26E-06		
Sb-124	Ci	1.95E-06	*		
I-131	Ci	2.77E-03	2.81E-03		
Cs-134	Ci	*	*		
Cs-136	Ci	*	*		
Cs-137	Ci	8.21E-05	4.81E-05		
Ba-140	Ci	1.05E-02	1.44E-02		
Ce-141	Ci	2.61E-04	2.55E-04		
Ce-144	Ci	*	*		
Zn-65	Ci	*	*		
Ba-133	Ci	*	*		
Sb-125	Ci	*	*		
Others:	Ci				
	Ci				
	Ci				
	Ci				
	Ci				
TOTAL	Ci	1.75E-02	2.38E-02	NONE	NONE

*See Table for MDL of Each Nuclide

DRESDEN NUCLEAR POWER STATION

TABLE OF MINIMUM DETECTABLE LEVELS FOR GASEOUS EFFLUENTS

2/3 Chimney GASEOUS EFFLUENTS AVERAGE FLOW 1st Qtr.-287,000 Kcfm
Docket Nos. 50-237, 50-249 2nd Qtr.-281,000 Kcfm

MDL (uCi/cc)

% OF TIME < MDL

1. FISSION GASES

Xe-138	1.65E-07	0
Xe-135m	6.67E-08	0
Kr-87	5.30E-08	90
Kr-88	3.97E-08	88
Kr-85m	2.73E-08	91
Kr-85	5.73E-08	0
Xe-135	2.72E-08	0
Xe-133	6.65E-08	92
Others:		

2. IODINES

I-131	3.80E-14	0
I-133	4.40E-14	0
I-135	7.90E-14	0

3. PARTICULATES

Sr-90	1.00E-15	0
Cr-51	1.60E-13	100
Mn-54	3.30E-14	0
Co-58	3.50E-14	92
Fe-59	5.30E-14	96
Co-60	8.70E-14	0
Zr-95	3.10E-14	100
Nb-95	1.90E-14	100
Ru-103	1.90E-14	100
Ag-110m	1.90E-14	96
Sb-124	2.40E-14	96
I-131	2.00E-14	0
Cs-134	1.60E-12	100
Cs-136	5.30E-14	100
Cs-137	3.80E-14	0
Ba-140	6.70E-14	0
Ce-141	4.70E-14	0
Ce-144	2.00E-13	100
Zn-65	5.90E-14	100
Ba-133	2.60E-14	100
Sb-125	1.80E-14	100
Others: La-140	3.00E-14	100

DRESDEN NUCLEAR POWER STATION UNIT 2/3
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT
JANUARY THROUGH JUNE 1985

2/3 VENT GASEOUS EFFLUENTS
GROUND LEVEL RELEASES
XX SEMI-ELEVATED RELEASES
ELEVATED RELEASES

Docket Nos. 50-237, 50-249

CONTINUOUS MODE

BATCH MODE

NUCLIDES RELEASED	UNIT	1st QUARTER	2nd QUARTER	1st QUARTER	2nd QUARTER
FISSION GASES					
Xe-138	Ci	*	*		
Xe-135m	Ci	*	*		
Kr-87	Ci	*	1.03E00		
Kr-88	Ci	*	9.68E-01		
Kr-85m	Ci	*	2.70E00		
Kr-85	Ci	*	*		
Xe-135	Ci	1.57E+01	9.57E00		
Xe-133	Ci	6.65E-01	1.07E01		
Others:	Ci				
	Ci				
TOTAL	Ci	1.64E+01	2.50E+01	NONE	NONE
IODINES					
I-131	Ci	1.46E-03	1.33E-03		
I-133	Ci	9.71E-03	1.10E-02		
I-135	Ci	1.61E-02	2.05E-02		
TOTAL	Ci	2.73E-02	3.28E-02	NONE	NONE
PARTICULATES					
Sr-89	Ci	2.53E-04	6.15E-04		
Sr-90	Ci	3.48E-06	6.37E-05		
Cr-51	Ci	3.75E-04	4.47E-04		
Mn-54	Ci	4.17E-04	5.94E-04		
Co-58	Ci	1.82E-04	1.44E-04		
Fe-59	Ci	1.44E-04	3.15E-04		
Co-60	Ci	4.24E-03	3.94E-03		
Zr-95	Ci	*	*		
Nb-95	Ci	4.60E-06	*		
Ru-103	Ci	1.26E-05	8.06E-06		
Ag-110m	Ci	*	*		
Sb-124	Ci	9.50E-06	1.39E-05		
I-131	Ci	3.96E-04	3.28E-04		
Cs-134	Ci	3.01E-06	4.80E-07		
Cs-136	Ci	2.71E-05	7.64E-06		
Cs-137	Ci	5.67E-05	7.23E-05		
Ba-140	Ci	2.15E-03	1.96E-03		
Ce-141	Ci	5.65E-05	5.25E-05		
Ce-144	Ci	*	*		
Zn-65	Ci	3.87E-05	2.48E-05		
Ba-133	Ci	*	*		
Sb-125	Ci	*	*		
Others:	Ci				
	Ci				
	Ci				
	Ci				
	Ci				
TOTAL	Ci	8.37E-03	8.59E-03	NONE	NONE

*See Table for MDL of Each Nuclide

DRESDEN NUCLEAR POWER STATION

TABLE OF MINIMUM DETECTABLE LEVELS FOR GASEOUS EFFLUENTS

2/3 VENT GASEOUS EFFLUENTS AVERAGE FLOW 220,000 cfm

	MDL (uCi/cc)	% OF TIME < MDL
1. Docket Nos. 50-237, 50-249 FISSION GASES		
Xe-138	1.31E-07	100
Xe-135m	6.67E-08	100
Kr-87	8.47E-08	88
Kr-88	1.46E-07	95
Kr-85m	2.73E-08	86
Kr-85	5.73E-08	100
Xe-135	4.33E-08	0
Xe-133	1.14E-07	0
Others:		
2. IODINES		
I-131	3.80E-14	0
I-133	4.40E-14	0
I-135	7.90E-14	0
3. PARTICULATES		
Sr-90	1.00E-15	0
Cr-51	1.60E-13	0
Mn-54	3.30E-14	0
Co-58	3.50E-14	0
Fe-59	5.30E-14	0
Co-60	8.70E-14	0
Zr-95	3.10E-14	100
Nb-95	1.90E-14	96
Ru-103	1.90E-14	0
Ag-110m	1.90E-14	100
Sb-124	2.40E-14	0
I-131	2.00E-14	0
Cs-134	1.60E-12	0
Cs-136	5.30E-14	0
Cs-137	3.80E-14	0
Ba-140	6.70E-14	0
Ce-141	4.70E-14	0
Ce-144	2.00E-13	100
Zn-65	5.90E-14	0
Ba-133	2.60E-14	100
Sb-125	1.80E-14	100
Others: La-140	3.00E-14	100

DRESDEN NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

JANUARY THROUGH JUNE 1985

RADWASTE LIQUID EFFLUENTS

1. Number of Batch Releases: 107
2. Total Time Period for Batch Releases: 120,193 min
3. Maximum Time Period for a Batch Release: 6,051 min.
4. Average Time Period for Batch Releases: 1,123 min.
5. Minimum Time Period for a Batch Release: 5 min.
6. Average Stream Flow During Periods of Release
of Effluent into a Flowing Stream: 4.04E05 Liters/min.

Docket Nos. 50-10, 50-237, 50-249

CONTINUOUS MODE

BATCH MODE

Nuclides Released	Unit	1st QUARTER	2nd QUARTER	1st QUARTER	2nd QUARTER
Sr-89	Ci			1.86E-03	1.85E-03
Sr-90	Ci			4.21E-03	7.00E-03
Ar-41	Ci			*	2.32E-04
Mn-54	Ci			3.44E-03	7.31E-03
Co-58	Ci			1.03E-04	2.73E-03
Fe-59	Ci			1.20E-04	5.53E-03
Co-60	Ci			3.78E-02	4.42E-01
Zn-65	Ci			*	*
Ru-103	Ci			*	1.04E-04
Sb-122	Ci			*	1.18E-02
Sb-124	Ci			*	2.04E-04
I-131	Ci			8.32E-04	1.65E-03
I-133	Ci			*	4.0E-08
I-135	Ci			*	2.3E-08
Cs-134	Ci			3.39E-03	8.51E-02
Cs-137	Ci			6.36E-02	1.19E00
Ba-140	Ci			1.06E-05	1.68E-03
La-140	Ci			6.36E-04	3.59E-03
Ce-141	Ci			4.60E-05	2.80E-03
Others: Cr-51	Ci			5.98E-04	2.29E-04
Ag-110m	Ci			*	1.05E-05
	Ci				
	Ci				
(above) Total For Period	Ci	NONE	NONE	1.17E-01	1.79E00
Xe-133	Ci			*	*
Xe-135	Ci			*	1.19E-04

*See Table for MDL of Each Nuclide

DRESDEN NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

JANUARY THROUGH JUNE 19 85

LIQUID EFFLUENTS
SUMMATION OF ALL RELEASES

Docket Nos. 50-10, 50-237, 50-249

	UNIT	1st QUARTER	2nd QUARTER
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A. FISSION AND ACTIVATION PRODUCTS

1. Total Release (not incl. tritium, gases, alpha)	Ci	1.17E-01	1.79E00
2. Average Diluted Conc. During Period	uCi/ml	3.93E-10	3.44E-09
3. Percent of Applicable Limit	%	*	*

B. TRITIUM

1. Total Release	Ci	3.14E00	3.61E00
2. Average Diluted Conc. During Period	uCi/ml	1.21E-07	5.84E-08
3. Percent of Applicable Limit	%	*	*

C. DISSOLVED AND ENTRAINED GASES

1. Total Release	Ci	<MDL	<MDL
2. Average Diluted Conc. During Period	uCi/ml	<MDL	<MDL
3. Percent of Applicable Limit	%	*	*

D. GROSS ALPHA RADIOACTIVITY

1. Total Release	Ci	6.74E-04	1.14E-03
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VOLUME OF WASTE RELEASED (prior to dilution)	liters	3.93E+06	5.43E+06
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VOLUME OF DILUTION WATER USED DURING PERIOD (RADWASTE)	liters	2.58E+10	6.15E+10
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VOLUME OF DILUTION WATER USED DURING PERIOD (LACTIC)	liters	2.49E+11	4.47E+11
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*Will be Included in the Annual Report on Environmental Radioactivity Data

DRESDEN NUCLEAR POWER STATION

Docket Nos. 50-10,
50-237, 50-249TABLE OF MINIMUM DETECTABLE LEVELS
FOR LIQUID EFFLUENTS

<u>RADWASTE LIQUID EFFLUENTS</u>		TOTAL GALLONS RELEASED <u>2.04E+06</u>
	<u>MDL (uCi/ml)</u>	<u>% of Gallons < MDL</u>
Sr-89	4.00E-08	0
Sr-90	9.00E-09	0
Ar-41	3.07E-08	94
Mn-54	6.60E-08	0
Co-58	8.00E-08	0
Fe-59	1.10E-07	0
Co-60	1.70E-07	0
Zn-65	1.30E-07	100
Ru-103	5.39E-08	90
Sb-122	7.01E-08	86
Sb-124	4.06E-08	89
I-131	8.70E-08	0
I-133	5.34E-08	96
I-135	9.15E-08	95
Cs-134	7.20E-08	0
Cs-137	8.90E-08	0
Ba-140	2.09E-07	0
La-140	2.30E-08	0
Ce-141	1.10E-07	0
Xe-133	7.70E-08	100
Xe-135	7.90E-08	94

DRESDEN NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

JANUARY THROUGH JUNE 19 85

LPCI LIQUID EFFLUENTS

1. Number of Batch Releases: 100
2. Total Time Period for Batch Releases: 124 min.
3. Maximum Time Period for a Batch Release: 1.24 min.
4. Average Time Period for Batch Releases: 1.24 min.
5. Minimum Time Period for a Batch Release: 1.24 min.
6. Average Stream Flow During Periods of Release of Effluent into a Flowing Stream: 2.67E06 liters/min.

Docket Nos. 50-237, 50-249

CONTINUOUS MODE

BATCH MODE

Nuclides Released	Unit	1st QUARTER	2nd QUARTER	1st QUARTER	2nd QUARTER
Sr-89	Ci			1.45E-05	2.63E-06
Sr-90	Ci			*	*
Ar-41	Ci			*	*
Mn-54	Ci			2.29E-05	2.68E-05
Co-58	Ci			*	*
Fe-59	Ci			*	*
Co-60	Ci			1.15E-04	1.21E-04
Zn-65	Ci			*	*
Ru-103	Ci			*	*
Sb-122	Ci			*	*
Sb-124	Ci			*	*
I-131	Ci			*	*
I-133	Ci			*	*
I-135	Ci			*	*
Cs-134	Ci			1.64E-06	*
Cs-137	Ci			1.32E-05	2.59E-05
Ba-140	Ci			*	*
La-140	Ci			*	*
Ce-141	Ci			*	*
Others:	Ci				
	Ci				
	Ci				
	Ci				
(above) Total For Period	Ci	NONE	NONE	1.68E-04	1.77E-04
Xe-133	Ci			*	*
Xe-135	Ci			*	*

*See Table for MDL of Each Nuclide

DRESDEN NUCLEAR POWER STATION
TABLE OF MINIMUM DETECTABLE LEVELS
FOR LIQUID EFFLUENTS

Docket Nos. 50-237, 50-249

LPCI LIQUID EFFLUENTS

TOTAL GALLONS RELEASED 4.34E+05

	<u>MDL</u> (uCi/ml)	<u>% of Gallons < MDL</u>
Sr-89	4.00E-08	0
Sr-90	9.00E-09	100
Ar-41	3.07E-08	100
Mn-54	6.60E-08	0
Co-58	8.00E-08	100
Fe-59	1.10E-07	100
Co-60	1.70E-07	0
Zn-65	1.30E-07	100
Ru-103	5.39E-08	100
Sb-122	7.01E-08	100
Sb-124	4.06E-08	100
I-131	8.70E-08	100
I-133	5.34E-08	100
I-135	9.15E-08	100
Cs-134	7.20E-08	92
Cs-137	8.90E-08	0
Ba-140	2.09E-07	100
La-140	2.30E-08	100
Ce-141	1.10E-07	100
Xe-133	7.70E-08	100
Xe-135	7.90E-08	100

DRESDEN NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT
JANUARY THROUGH JUNE 1985
SOLID WASTE AND IRRADIATED FUEL SHIPMENTS

Docket Nos. 50-10, 50-237, 50-249

A. SOLID WASTE SHIPPED OFFSITE FOR BURIAL OR DISPOSAL (NOT IRRADIATED FUEL)

1. Type of Waste	Unit	6-month period
a. Spent resins, filter sludges, evaporator bottoms, etc.	m ³	6.88E+02
	Ci	1.30E+03
b. Dry compressible waste, contaminated equip., etc.	m ³	5.65E+02
	Ci	2.18E+01
c. Irradiated components, control rods, etc.	m ³	
	Ci	
d. Other (describe)	m ³	
	Ci	

2. Estimate of Major Nuclide Composition (by type of waste)

		%	Ci
a.	Co-60	52.8	6.86E+02
	Fe-55	37.0	4.81E+02
	Mn-54	4.4	5.72E+01
	Ce-137	3.1	4.03E+01
	Other	2.7	3.51E+01
b.	Co-60	64.0	1.40E+01
	Fe-55	28.8	6.28E00
	Mn-54	4.3	9.37E-01
	Ce-137	2.8	6.10E-01
	Other	0.1	2.18E-02
c.		%	
		%	
		%	
		%	
		%	
d.		%	

3. Solid Waste Disposition

NUMBER OF SHIPMENTS

145
46

MODE OF TRANSPORTATION

Motor Freight (Exclusive Use Only) Barnwell, S.C
Motor Freight (Exclusive Use Only) Richland, WA.

DESTINATION

B. IRRADIATED FUEL SHIPMENTS (Disposition)

NUMBER OF SHIPMENTS

MODE OF TRANSPORTATION

NONE

DESTINATION

DRESDEN NUCLEAR POWER STATION
EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

JANUARY THROUGH JUNE 19 85

ABNORMAL RELEASES

Docket Nos. 50-10, 50-237, 50-249

A. LIQUID

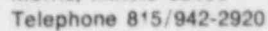
1. Number of Releases: 2
2. Total Activity Released: 6.38E-02 Ci*

B. GASEOUS

1. Number of Releases: 1
2. Total Activity Released: 3.40E-05 Ci**

* This is the maximum estimated total. For further information, refer to Deviation Variance Reports #12-3-85-33 and 12-3-85-34.

** This is the maximum estimated total. For further information, refer to Deviation Variance Report #12-3-85-5.



AUG 30 1985