

QUAD CITIES NUCLEAR POWER PLANT

TABLE 1

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT JULY-DECEMBER OF 1982

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

	Unit	Quarter THIRD	Quarter FOURTH	Est. Total Error, %
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A. Fission & Activation Gases

1. Total release	Ci	2.5E03	9.15E02	
2. Average release rate for period	uCi/sec	3.1E02	1.15E02	
3. a. Percent of Tech. Spec. limit Chimney	%	9.3E-02	2.27E-02	
b. Percent of Tech. Spec. limit Stack	%	3.4E-01	1.70E-01	

B. Iodines

1. Total iodine-131	Ci	3.6E-2	1.17E-02	
2. Average release rate for period	uCi/sec	4.5E-3	1.47E-03	
3. a. Percent of Tech. Spec. limit station	%	4.6E-01	2.7E-01	

C. Particulates

1. Particulates with half-lives > 8 days	Ci	2.9E-02	3.45E-02	
2. Average release rate for period	uCi/sec	3.6E-02	4.33E-03	
3. Gross alpha radioactivity		5.4E-06	4.70E-05	

8405070475 830203
PDR ADOCK 05000254
R PDR

TABLE 1A CONTINUED

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT JULY-DECEMBER 1982

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

	Unit	Quarter THIRD	Quarter FOURTH	Est. Total Error, %
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D. Tritium

1. Total release	CI	2.7E01	4.66E 01	
2. Average release rate for period	uCI/sec	3.4E00	5.86E00	

QUAD CITIES NUCLEAR POWER STATION

TABLE

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT _____

GASEOUS EFFLUENTS- ELEVATED RELEASE

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter THIRD	Quarter FOURTH	Quarter	Quarter

1. Fission gases

Kr-85	CI	<LLD	<LLD		
Kr-85m	CI	1.2E02	5.92E00		
Kr-87	CI	9.3E01	1.83E01	6	
Kr-88	CI	1.9E02	1.55E01		
Xe-133	CI	2.4E02	1.30E00		
Xe-135	CI	8.5E01	2.52E02		
Xe-135m	CI	7.7E02	1.21E02		
Xe-138	CI	5.6E02	2.24E02		
	CI				
	CI				
Unidentified	CI	<LLD	<LLD		
Total for Period	CI	2.1E03	6.38E02		

2. Iodines

I-131	CI	2.3E-02	7.66E-03		
I-133	CI	1.3E-01	4.73E-02		
I-135	CI	1.8E-01	6.94E-02		
Total for Period	CI	3.3E-01	1.24E-01		

TABLE CONTINUED

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT _____

GASEOUS EFFLUENTS- ELEVATED RELEASE

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter THIRD	Quarter FOURTH	Quarter	Quarter

3. Particulates

Sr-89	CI	6.5E-06	1.85E-05		
Sr-90	CI	1.1E-04	1.03E-04		
Cs-134	CI	2.1E-04	2.25E-05		
Cs-137	CI	7.6E-03	2.75E-04		
Ba-140	CI	8.8E-03	1.24E-02		
La-140	CI	<LLD	<LLD		
Cr51	CI	< LLD	< LLD		
Mn54	CI	< LLD	< LLD		
Co58	CI	< LLD	< LLD		
Co60	CI	3.7E-04	9.51E-03		
I131	CI	1.5E-03	2.20E-03		
Ag110m	CI	<LLD	<LLD		
CE 141	CI	3.3E-05	8.91E-05		
	CI				
	CI				
	CI				
	CI				
Unidentified	CI				

QUAD CITIES NUCLEAR POWER STATION

TABLE

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT _____

GASEOUS EFFLUENTS-GROUND RELEASE

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter	Quarter	Quarter	Quarter

1. Fission gases

Kr-85	CI	<LLD	<LLD		
Kr-85m	CI	<LLD	<LLD		
Kr-87	CI	<LLD	<LLD		
Kr-88	CI	<LLD	<LLD		
Xe-133	CI	8.0E01	6.41E00		
Xe-135	CI	1.8E02	6.54E01		
Xe-135m	CI	1.5E02	1.07E02		
Xe-138	CI	<LLD	8.30E01		
	CI				
	CI				
Unidentified	CI	<LLD	<LLD		
Total for Period	CI	4.1E02	2.62E02		

2. Iodines

I-131	CI	1.2E-02	3.52E-03		
I-133	CI	6.8E-02	1.75E-02		
I-135	CI	8.1E-02	2.53E-02		
Total for Period	CI	1.6E-01	4.63E-02		

TABLE CONTINUED

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT _____

GASEOUS EFFLUENTS- GROUND RELEASE

Nuclides Released	Unit	Continuous Mode		Batch Mode	
		Quarter THIRD	Quarter FOURTH	Quarter	Quarter

3. Particulates

Sr-89	CI	3.6E-05	8.95E-06		
Sr-90	CI	4.7E-05	1.50E-05		
Cs-134	CI	6.6E-05	3.93E-04		
Cs-137	CI	3.1E-04	4.96E-04		
Ba-140	CI	1.9E-03	7.53E-04		
La-140 LESS THAN 8 DAY HALF LIFE	CI	<LLD	<LLD		
Cr51	CI	6.2E-05	<LLD		
Mn54	CI	1.1E-04	2.46E-04		
Co58	CI	3.9E-05	3.1E-05		
Co60	CI	2.6E-03	8.85E-03		
I131	CI	9.9E-04	3.25E-04		
Ag110m	CI	1.0E-05	<LLD		
ZN 65	CI	1.5E-05	4.1E-05		
ZR 95	CI	1.4E-05	<LLD		
NB 95	CI	2.9E-05	<LLD		
RU 103	CI	1.5E-05	6.8E-06		
CE 141	CI	1.9E-05	<LLD		
CS 136 Unidentified	CI	7.2E-06	<LLD		

QUAD CITIES NUCLEAR POWER STATION

TABLE 2A

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT _____

LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES

	Unit	Quarter THIRD	Quarter FOURTH	Est. Total Error, %
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A. Fission and Activation Products

1. Total release (not including tritium, gases, alpha)	CI	5.0E-02	1.50E-01	
2. Average diluted concentration during period	uCi/ml	4.3E-07	6.81E-08	
3. Percent of applicable limit	%	6.6E00	2.95E-01	
4. Maximum diluted concentration during period	uCi/ml	8.9E-07	7.6E-07	

B. Tritium

1. Total release	CI	1.2E00	6.44E00	
2. Average diluted concentration during period	uCi/ml	1.0E-05	2.1E-06	
3. Percent of applicable limit	%	4.3E-01	7.0E-02	

C. Dissolved and Entrained Gases

1. Total release	CI	3.8E-03	2.89E-01	
2. Average diluted concentration during period	uCi/ml	3.3E-08	1.1E-07	
3. Percent of applicable limit	%	1.1E-03	3.72E-03	

D. Gross Alpha Radioactivity

1. Total release	CI	6.5E-06	1.50E-07	
2. Average concentration released	uCi/ml	5.6E-11	5.79E-14	

E. Volume of waste released (prior to dilution)	Liters	8.2E05	3.18E06	
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F. Volume of dilution water used during period	Liters	1.2E08	2.59E09	
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QUAD CITIES NUCLEAR POWER STATION

TABLE 2B

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

LIQUID EFFLUENTS

	Unit	Continuous Mode		Batch Mode	
		Quarter THIRD	Quarter FOURTH	Quarter	Quarter
Sr-89	CI	3.6E-05	5.12E-04		
Sr-90	CI	2.0E-04	3.25E-04		
TC 99M	CI	1.4E-03	1.97E-03		
Cs-134		1.1E-03	1.16E-03		
CE 141	CI	2.3E-05	1.90E-04		
Cs-137		5.3E-03	6.75E-03		
NP 239	CI	2.6E-04	< LLD		
I-131		4.3E-03	2.91E-03		
I-133	CI	9.8E-03	7.92E-03		
Co-58		5.2E-04	6.15E-04		
SR 91	CI	1.2E-03	1.02E-03		
Co-60		1.1E-02	2.37E-02		
Y-92	CI	2.1E-04	<LLD		
Fe-59		1.7E-05	<LLD		
I-135	CI	4.7E-03	3.70E-03		
Zn-65		1.4E-04	8.7E-05		
SR 92	CI	4.9E-04	1.28E-04		
Mn-54		9.1E-04	1.77E-03		
RU 105	CI	<LLD	2.8E-04		
Cr-51		4.5E-04	4.0E-03		
RU 103	CI	<LLD	7.19E-05		
Zr-95		6.1E-05	1.6E-04		
SB 124	CI	<LLD	1.9E-05		
Nb-95		1.8E-05	7.8E-02		
Mo-99	CI	9.5E-04	7.0E-04		
Aq110m	CI	< LLD	5.7E-04		
Ba-140	CI	2.1E-03	3.22E-03		
Cs136	CI	9.6E-05	1.16E-04		
La-140 LESS THAN 8 DAY HALF LIFE	CI	<LLD	<LLD		
NA 24	CI	9.9E-04	7.6E-03		
Unidentified	CI	<LLD	<LLD		
Total for Period (above)	CI	4.7E-02	1.5E-01		
Xe-133	CI	9.5E-04	1.6E-01		
Xe-135	CI	6.1E-04	8.4E-01		

SOLID RADIOACTIVE WASTE SUMMARY

UNITS 1/2

WAD-CITIES STATION

JULY 1982

DATE	CO TRANS	BURIAL SITE	VOLUME	MILLICURIES
07/01/82	CN	BSC	105.00	7438.60
07/01/82	CN	BSC	105.00	7305.30
07/06/82	CN	BSC	105.00	6432.20
07/07/82	CN	BSC	105.00	7311.90
07/07/82	CN	BSC	105.00	6671.80
07/08/82	CN	BSC	105.00	7071.80
07/09/82	CN	BSC	105.00	4622.30
07/09/82	CN	BSC	105.00	7752.20
07/12/82	CN	USE	105.00	4012.42
07/12/82	CN	USE	105.00	10317.40
07/14/82	CN	USE	105.00	4609.14
07/15/82	CN	USE	105.00	4450.66
07/15/82	TRI STATE	USE	1209.75	31.02
07/16/82	CN	BSC	105.00	7391.60
07/16/82	CN	USE	105.00	7336.44
07/21/82	CN	USE	105.00	8837.20
07/22/82	CN	USE	105.00	8124.50
07/23/82	CN	USE	105.00	3839.68
07/23/82	CN	USE	105.00	6459.79
07/26/82	TRI STATE	USE	646.19	27.48
07/26/82	CN	USE	105.00	7514.60
07/28/82	CN	USE	157.50	621.12
07/29/82	CN	BSC	105.00	8073.10
07/30/82	CN	BSC	105.00	8847.30
07/30/82	CN	USE	105.00	4608.63

MONTHLY TOTALS

4603.44

169708.74

USE - U.S. ECOLOGY
 BSC - BARNWELL SOUTH CAROLINA
 CN - CHEM NUCLEAR CO.

SOLID RADIOACTIVE WASTE SUMMARY

UNITS 1/2

GUAD-CITIES STATION

AUG. 1982

DATE	CU TRANS	BURIAL SITE	VOLUME	MILLICURIES
08/02/82	CN	BSC	105.00	7094.10
08/02/82	CN	USE	105.00	5543.20
08/05/82	CN	BSC	105.00	8358.80
08/05/82	CN	USE	105.00	13283.92
08/06/82	CN	USE	105.00	16643.15
08/09/82	CN	USE	105.00	13072.70
08/11/82	CN	USE	157.00	1131.39
08/12/82	CN	USE	105.00	9542.50
08/13/82	CN	USE	105.00	10543.14
08/16/82	CN	USE	105.00	11004.87
08/16/82	CN	BSC	105.00	9736.90
08/18/82	CN	BSC	105.00	10011.00
08/18/82	CN	USE	105.00	381.97
08/19/82	CN	USE	105.00	1874.48
08/23/82	CN	USE	105.00	13057.39
08/23/82	CN	BSC	105.00	9553.90
08/25/82	CN	BSC	105.00	10056.80
08/25/82	CN	BSC	105.00	10488.10
08/30/82	CN	BSC	105.00	9919.50

MONTHLY TOTALS

2047.00

177407.59

USE - U.S. ECOLOGY
BSC - BARNWELL SOUTH CAROLINA
CN - CHEM NUCLEAR CO.

SOLID RADIOACTIVE WASTE SUMMARY

UNITS 1/2

QUAD-CITIES STATION

SEPT 1982

DATE	CO TRANS	BURIAL SITE	VOLUME	MILLICURIES
-----	-----	-----	-----	-----
09/01/82	CN	BSC	105.00	10375.40
09/01/82	CN	BSC	105.00	9645.40
09/02/82	CN	USE	105.00	5185.08
09/03/82	TRI STATE	USE	552.30	48.83
09/08/82	CN	BSC	105.00	8736.00
09/08/82	CN	BSC	105.00	7752.30
09/09/82	TRI STATE	USE	1289.75	20.79
09/10/82	CN	BSC	105.00	6871.20
09/10/82	CN	BSC	105.00	7540.90
09/13/82	CN	USE	105.00	13722.30
09/15/82	CN	USE	105.00	11106.45
09/15/82	CN	USE	105.00	8903.93
09/17/82	CN	USE	105.00	861.70
09/20/82	TRI STATE	USE	1105.50	10.17
09/22/82	CN	BSC	105.00	7752.12
09/23/82	CN	USE	105.00	5675.26
09/24/82	CN	USE	105.00	6552.00
09/24/82	CN	BSC	105.00	8043.20
09/27/82	CN	BSC	105.00	8513.10
09/27/82	CN	USE	105.00	6802.16
09/29/82	CN	USE	105.00	330.39
09/30/82	TRI STATE	USE	1289.75	24.45

MONTHLY TOTALS

6127.30

134253.13

USE - U.S. ECOLOGY

BSC - BARNWELL SOUTH CAROLINA

CN - CHEM NUCLEAR CO.

SOLID RADIOACTIVE WASTE SUMMARY

UNITS 1/2

QUAD-CITIES STATION

OCT. 1982

DATE	CO TRANS	BURIAL SITE	VOLUME	MILLICURIES
-----	-----	-----	-----	-----
10/01/82	CN	BSC	105.00	7716.90
10/01/82	CN	BSC	105.00	4543.30
10/04/82	CN	BSC	105.00	342.35
10/04/82	CN	USE	105.00	301.00
10/06/82	CN	BSC	105.00	4108.40
10/06/82	CN	USE	105.00	8988.01
10/07/82	CN	USE	105.00	4668.16
10/08/82	TRI STATE	USE	1289.75	60.62
10/13/82	CN	BSC	105.00	1966.10
10/13/82	CN	USE	105.00	2767.50
10/14/82	CN	BSC	105.00	6854.70
10/15/82	CN	BSC	105.00	6645.60
10/15/82	CN	BSC	105.00	6302.20
10/18/82	CN	BSC	105.00	8347.30
10/20/82	TRI STATE	USE	1289.75	51.88
10/21/82	CN	BSC	105.00	7354.33
10/22/82	CN	BSC	105.00	4071.20
10/22/82	CN	BSC	105.00	6862.20
10/25/82	CN	USE	105.00	5127.82
10/27/82	CN	BSC	105.00	7988.90
10/27/82	CN	USE	105.00	5462.83
10/28/82	TRI STATE	USE	1289.75	81.72
10/29/82	CN	BSC	105.00	8804.90

MONTHLY TOTALS

5969.25

127473.60

USE - U.S. ECOLOGY
BSC - BARNWELL SOUTH CAROLINA
CN - CHEM NUCLEAR CO.

SOLID RADIOACTIVE WASTE SUMMARY

UNITS 1/c

WUAD-CITIES STATION

NOV. 1982

DATE	CU TRANS	BURIAL SITE	VOLUME	MILLICURIES
11/01/82	CN	USE	105.00	3297.00
11/03/82	CN	BSC	105.00	3072.83
11/05/82	CN	USE	105.00	3443.34
11/05/82	CN	BSC	105.00	8212.00
11/08/82	CN	BSC	105.00	17179.00
11/10/82	TRI STATE	USE	1204.73	10.10
11/12/82	CN	BSC	105.00	20000.40
11/12/82	CN	BSC	105.00	20017.40
11/15/82	CN	BSC	105.00	19750.30
11/15/82	CN	BSC	105.00	10404.00
11/16/82	TRI STATE	USE	1204.73	33.34
11/17/82	CN	BSC	105.00	10103.30
11/18/82	TRI STATE	USE	1204.73	15.11
11/18/82	CN	USE	170.00	1005.70
11/19/82	CN	USE	105.00	1100.10
11/19/82	CN	BSC	105.00	0330.30
11/22/82	CN	BSC	105.00	23004.21
11/22/82	CN	BSC	105.00	12076.00
11/24/82	CN	BSC	105.00	22200.40
11/24/82	CN	USE	105.00	10301.03

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MONTHLY TOTALS

3719.23

203917.04

USE - U.S. ECOLOGY

BSC - BARNWELL SOUTH CAROLINA

CN - CHEM NUCLEAR CO.

SOLID RADIOACTIVE WASTE SUMMARY

UNITS 1/2

QUAD-CITIES STATION

DEC. 1982

DATE	CO TRANS	BURIAL SITE	VOLUME	MILLICURIES
12/01/82	CN	BSC	105.00	20276.30
12/02/82	CN	USE	105.00	12221.80
12/03/82	CN	BSC	105.00	19327.00
12/06/82	CN	USE	170.00	1746.30
12/07/82	TRI STATE	USE	1289.75	14.73
12/08/82	CN	BSC	105.00	9654.80
12/08/82	CN	BSC	105.00	15899.70
12/09/82	CN	BSC	103.70	8744.50
12/10/82	CN	BSC	105.00	9213.70
12/13/82	CN	BSC	105.00	9257.20
12/13/82	CN	BSC	105.00	9172.00
12/16/82	CN	BSC	105.00	9471.00
12/17/82	CN	BSC	105.00	2583.80
12/17/82	CN	BSC	105.00	1669.80
12/20/82	CN	BSC	105.00	9454.00
12/20/82	CN	BSC	105.00	9044.49
12/21/82	TRI STATE	USE	1289.75	59.43
12/22/82	CN	BSC	105.00	8634.90
12/22/82	CN	BSC	105.00	3625.30
12/27/82	TRI STATE	USE	1289.75	49.48
12/29/82	CN	BSC	105.00	1921.00
12/30/82	CN	BSC	105.00	2712.30

MONTHLY TOTALS

5927.95

164953.61

USE - U.S. ECOLOGY
BSC - BARNWELL SOUTH CAROLINA
CN - CHEM NUCLEAR CO.

QUAD CITIES NUCLEAR POWER STATION

TABLE 2A

EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT

1982

LIQUID EFFLUENTS-SUMMATION OF ALL RELEASES

Errata to previously submitted report

	Unit	Quarter 1st	Quarter 2nd	Est. Total Error, %
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A. Fission and Activation Products

1. Total release (not including tritium, gases, alpha)	CI	1.5E-01	5.3E-02	
2. Average diluted concentration during period	uCi/ml	9.4E-07	7.3E-07	
3. Percent of applicable limit	%	6.7E00	6.2E+00	
4. Maximum diluted concentration during period	uCi/ml	4.3E-06	3.2E-06	

B. Tritium

1. Total release	CI	8.0E-01	3.6E-01	
2. Average diluted concentration during period	uCi/ml	5.0E-06	4.9E-08	
3. Percent of applicable limit	%	1.7E-01	1.6E-03	

C. Dissolved and Entrained Gases

1. Total release	CI	9.9E-03	2.0E-02	
2. Average diluted concentration during period	uCi/ml	6.2E-03	2.7E-07	
3. Percent of applicable limit	%	2.1E-03	9.1E-03	

D. Gross Alpha Radioactivity

1. Total release	CI	3.5E-06	2.6E-06	
2. Average concentration released	uCi/ml	2.2E-13	3.6E-11	

E. Volume of waste released (prior to dilution)	Liters	4.5E05	2.0E05	
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F. Volume of dilution water used during period	Liters	1.6E08	7.3E07	
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Quad Cities Station

1982 Report of Occupational Personnel Radiation Doses*
Commonwealth Edison Company

Station Employees

<u>Job Function</u>	<u>Work Function</u>						<u>Total By Job Function</u> # of People/Man-Rem
	<u>Reactor Operations & Surveillance</u> # of People/Man-Rem	<u>Routine Maint.</u> # of People/Man-Rem	<u>Inservice Inspection</u> # of People/Man-Rem	<u>Waste Processing</u> # of People/Man-Rem	<u>Refueling</u> # of People/Man-Rem	<u>Special Maint. (NRC Mandated)</u> # of People/Man-Rem	
Maintenance	15/38.586	93/246.496	1/3.859	15/38.586	6/16.779	16/41.553	146/385.859
Operating	88/109.863	4/5.782	-----	43/53.528	-----	-----	135/169.173
Health Physics	8/7.669	18/17.431	12/11.853	11/10.458	2/1.394	22/20.917	73/69.722
Supervision	1/.985	-----	-----	1/1.150	-----	20/16.945	22/19.080
Engineering	9/12.327	11/15.684	2/2.924	-----	-----	27/36.633	49/67.568

Quad Cities Station

19⁸² Report of Occupational Personnel Radiation Doses*
Commonwealth Edison Company

Company Employees Other than Station Employees

Job Function	Work Function						Total By Job Function # of People/Man-Rem
	Reactor Operations & Surveillance # of People/Man-Rem	Routine Maint. # of People/ Man-Rem	Inservice Inspection # of People/Man-Rem	Waste Processing # of People/ Man-Rem	Refueling # of People/ Man-Rem	Special Maint. (NRC Mandated) # of People/Man-Rem	
Maintenance	-----	19/27.008	-----	-----	-----	221/310.596	240/337.604
Operating	-----	-----	-----	-----	-----	-----	-----
Health Physics	-----	-----	-----	-----	-----	-----	-----
Supervision	-----	-----	-----	-----	-----	-----	-----
Engineering	-----	65/10.070	-----	-----	-----	87/13.340	152/23.410

Quad Cities Station

19⁸² Report of Occupational Personnel Radiation Doses*
Commonwealth Edison Company

Contract Workers

Job Function	Work Function						Total By Job Function # of People/Man-Rem
	Reactor Operations & Surveillance # of People/Man-Rem	Routine Maint. # of People/ Man-Rem	Inservice Inspection # of People/Man-Rem	Waste Processing # of People/ Man-Rem	Refueling # of People/ Man-Rem	Special Maint. (NRC Mandated) # of People Man-Rem	
Maintenance	-----	109 /223.499	85/153.372	1/1.104	1/3.218	1029/1955.279	1225/2336.472
Operating	-----	-----	-----	-----	-----	-----	-----
Health Physics	-----	-----	-----	-----	-----	-----	-----
Supervision	-----	-----	-----	-----	-----	-----	-----
Engineering	-----	62/38.397	41/25.460	-----	4/1.348	237/144.667	344/209.872



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

DESIGNATED ORIGINAL

Certified By _____

November 12, 1982

Mr. James G. Keppler
Regional Administer
Directorate of Inspection and Enforcement
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler:

Subject: LaSalle County Station Operating Report, NRC Docket #50-373

Enclosed is an errata to Part 1 of the LaSalle County Station Operating Report, reporting radioactive effluents for January through June. Part 2 of the Station Operating Report, reporting radioactive effluent for July through December, will be submitted under separate cover in February. Part 3 of the Annual Operating Report reporting environmental radiological monitoring data will be submitted in March.

One copy of this report is provided for your use and 39 copies are being submitted directly to Mr. Edson G. Case, Deputy Director of the Office of Nuclear Reactor Regulation.

Sincerely,

G. J. Diederich
Superintendent
LaSalle County Station

FRL
GJD/FRL/LRA/lrw

Enclosure

1E07

REPORT OF RADIOACTIVE EFFLUENTS

DOCKET NOS.: 50-373

YEAR: 1982

[illegible]

REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: LASALLE COUNTY NPS UNIT 1

DOCKET NOS.: 50-373

YEAR: 1982

[illegible]

YEAR: 1982

DOCKET NOS: 50-373

[illegible]

REPORT OF RADIOACTIVE EFFLUENTS

YEAR: 1982

50-373

DOCKET NOS.:

FACILITY: LASALLE COUNTY MPS UNIT 1

	UNITS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	6MO. TOTAL	TECH. SPEC. REF.
1. Liquid Effluents									
Gross Radioactivity (p-X)									
Total Release	Curles	None Released	None Released	None Released	None Released	None Released	None Released	None Released	6.6.A.4.b.
Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Max. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Percent of Tech Spec (based on Avg. Conc. Released)	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.11.1.1
Tritium									
Total Release	Curles	Released	Released	Released	Released	Released	Released	Released	6.6.A.4.b.
Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Percent of Tech Spec	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dissolved Noble Gases									
Total Release	Curles	Released	Released	Released	Released	Released	Released	Released	6.6.A.4.b.
Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Percent of Tech Spec	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.11.1.1
Gross Alpha Radioactivity									
Total Release	Curles	Released	Released	Released	Released	Released	Released	Released	6.6.A.4.b.
Avg. Conc. Released	uCi/ml	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Volume of Liquid Waste	Liters	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Volume of Dilution Water	Liters	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

REPORT OF RADIOACTIVE EFFLUENTS

YEAR: 1982

DOCKET NOS.: 50-373

FACILITY: LASALLE COUNTY NPS UNIT 1

Isotopes Released	UNITS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	6MO. TOTAL	TECH. SPEC. REF.
	mlll-curles	None Released	None Released	None Released	None Released	None Released	None Released	None Released	
Cr-51	mCl	---	---	---	---	---	---	---	
Mn-54	mCl	---	---	---	---	---	---	---	
Co-58	mCl	---	---	---	---	---	---	---	
Fe-59	mCl	---	---	---	---	---	---	---	
Co-60	mCl	---	---	---	---	---	---	---	
Zn-65	mCl	---	---	---	---	---	---	---	
Sr-89	mCl	---	---	---	---	---	---	---	
Sr-90	mCl	---	---	---	---	---	---	---	
Zr-95	mCl	---	---	---	---	---	---	---	
Nb-95	mCl	---	---	---	---	---	---	---	
Ru-103	mCl	---	---	---	---	---	---	---	
I-131	mCl	---	---	---	---	---	---	---	
Cs-134	mCl	---	---	---	---	---	---	---	
Cs-137	mCl	---	---	---	---	---	---	---	
Ba-140	mCl	---	---	---	---	---	---	---	
La-140	mCl	---	---	---	---	---	---	---	
Ce-141	mCl	---	---	---	---	---	---	---	
Ce-144	mCl	---	---	---	---	---	---	---	
Xe-133	mCl	---	---	---	---	---	---	---	
Xe-133m	mCl	---	---	---	---	---	---	---	
Xe-135	mCl	---	---	---	---	---	---	---	

REPORT OF RADIOACTIVE EFFLUENTS

YEAR: 1982

DOCKET NOS.: 50-373

FACILITY: LASALLE COUNTY NPS UNIT 1

I. Solid Waste Shipped Offsite for Burial or Disposal		UNITS	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	MO. TOTAL	TECH. SPEC. REF.
Spent Resins, Filter Judges, Evaporator atoms, etc.	Quantity	cubic								
	Shipped	meters	N/A	N/A	N/A	N/A	N/A	N/A	None Shipped	6.6.A.4.b.
	Radioactivity	curies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Dry Compressible Waste, Contaminated equipment, etc.	Quantity	cubic								
	Shipped	meters	N/A	N/A	N/A	N/A	N/A	N/A	None Shipped	6.6.A.4.b.
	Radioactivity	curies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	