



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

July 3, 1989

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555


SUBJECT: LaSalle County Nuclear Station Operating Report, NRC Dockets
50-373 and 50-374.

To Whom it May Concern:

Enclosed are errata to the Radioactive Effluent Reports for 1984 and 1985. The purpose of this report is to correct a reporting error where all particulate radionuclides were reported rather than only those with half-lives greater than eight days as required by Technical Specifications and Regulatory Guide 1.21.

A copy of this report will be furnished to the NRC Resident Inspector.

Sincerely,


G. J. Diederich
Station Manager

GJD/KFK/sjc

Enclosure

cc: Director of Nuclear Reactor Regulation
Illinois Department of Nuclear Safety
ANI
B.P.I.
American Electric Power Service Corp.
U. S. Environmental Protection Agency
Illinois Environmental Protection Agency
Illinois Environmental Protection Agency (Division of Water Pollution
Control)
Illinois Power Company
Murray & Trettel, Inc.
Teledyne Isotopes Midwest Laboratory
Radiochemistry Services Group
Emergency Planning
L. Aldrich
NRC Resident Inspector (LaSalle Station)
B.W.R. Operations
Illini State Park
Central File

DOCUMENT ID 0655h/

8907110398 890703
PDR ADOCK 05000373
R PDC

TEAS
11

**LASALLE COUNTY NUCLEAR POWER STATION
UNITS ONE AND TWO
DOCKET NUMBERS 50-373 AND 50-374**

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1984)

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

		First Quarter	Second Quarter
A. Fission and Activation Gases			
1. Total release	Ci	1.79E+01	9.28E+01
2. Average release rate for period	uCi/sec	2.24E+00	1.18E+01
3. Percent of Tech. Spec. limit	%	7.46E-03	3.55E-02
B. Iodines			
1. Total iodine-131	Ci	1.75E-04	7.65E-04
2. Average release rate for period	uCi/sec	2.96E-04	2.25E-03
3. Percent of Tech. Spec. limit	%	6.07E-05	1.55E-02
C. Particulates			
1. Particulates with T1/2 >8 days	Ci	1.49E-03	1.76E-03
2. Average release rate for period	uCi/sec	8.58E-02	3.83E-03
3. Percent of Tech. Spec. limit	%	2.38E-05	2.76E-05
4. Gross alpha radioactivity	Ci	1.99E-08	<1.00E-11
D. Tritium			
1. Total release	Ci	<1.00E-06	2.35E+00
2. Average release rate for period	uCi/sec	N/A	3.03E-01
3. Percent of Tech. Spec. limit	%	0.00	1.57E-03

"<" indicates activity of sample is less than LLD given in uCi/ml

**LASALLE COUNTY NUCLEAR POWER STATION
UNITS ONE AND TWO
DOCKET NUMBERS 50-373 AND 50-374**

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1984)

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

		Third Quarter	Fourth Quarter
A. Fission and Activation Gases			
1. Total release	Ci	2.36E+02	2.19E+02
2. Average release rate for period	uCi/sec	2.95E+01	2.77E+01
3. Percent of Tech. Spec. limit	%	1.28E-02	3.18E-03
B. Iodines			
1. Total iodine-131	Ci	2.18E-03	4.17E-04
2. Average release rate for period	uCi/sec	8.47E-03	7.69E-04
3. Percent of Tech. Spec. limit	%	4.09E-02	1.55E-04
C. Particulates			
1. Particulates with T1/2 >8 days	Ci	2.04E-03	1.77E-03
2. Average release rate for period	uCi/sec	5.60E-03	4.64E-02
3. Percent of Tech. Spec. limit	%	3.63E-05	3.25E-05
4. Gross alpha radioactivity	Ci	9.90E-09	1.10E-08
D. Tritium			
1. Total release	Ci	3.83E+00	<1.00E-06
2. Average release rate for period	uCi/sec	4.85E-01	N/A
3. Percent of Tech. Spec. limit	%	2.33E-03	0.00

"<" indicates activity of sample is less than LLD given in uCi/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1984)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		January	February	March	First Quarter
1. Fission Gases					
Ar-41	Ci	5.18E+00	1.65E-01	1.22E+01	1.75E+01
Kr-87	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-88	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	<1.00E-06	4.75E-01	<1.00E-06	4.75E-01
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	5.18E+00	6.40E-01	1.22E+01	1.80E+01
2. Iodines					
I-131	Ci	3.53E-05	1.13E-04	2.66E-05	1.75E-04
I-132	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
I-133	Ci	3.42E-04	7.34E-04	3.74E-04	1.45E-03
I-134	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
I-135	Ci	<1.00E-11	4.90E-04	1.72E-04	6.62E-04
Total for period	Ci	3.77E-04	1.34E-03	5.73E-04	2.29E-03
3. Particulates					
Mn-54	Ci	3.03E-04	1.62E-04	3.11E-04	7.76E-04
Co-58	Ci	8.61E-06	<1.00E-04	1.21E-05	2.07E-05
Fe-59	Ci	6.97E-06	2.63E-05	<1.00E-04	3.33E-05
Co-60	Ci	1.93E-04	7.92E-05	1.25E-04	3.97E-04
Zn-65	Ci	1.58E-12	<1.00E-04	<1.00E-04	1.58E-12
Sr-89	Ci	<1.00E-11	<1.00E-11	6.81E-11	6.81E-11
Sr-90	Ci	4.60E-12	<1.00E-11	8.40E-12	1.30E-11
Mo-99	Ci	5.72E-05	1.28E-04	<1.00E-04	1.85E-04
Ag-110m	Ci	<1.00E-04	<1.00E-04	2.16E-05	2.16E-05
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	6.13E-05	6.13E-05
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	5.69E-04	3.96E-04	5.31E-04	1.49E-03

"<" indicates activity of sample is less than LLD given in uci/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1984)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		April	May	June	Second Quarter
1. Fission Gases					
Ar-41	Ci	1.58E+00	1.45E+01	6.92E+00	2.30E+01
Kr-85m	Ci	<1.00E-06	5.50E-01	1.58E-01	7.08E-01
Kr-87	Ci	<1.00E-06	8.82E-01	<1.00E-06	8.82E-01
Kr-88	Ci	2.83E+01	1.69E+00	<1.00E-06	3.00E+01
Xe-133	Ci	7.55E+00	1.46E+01	3.76E+00	2.59E+01
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	3.30E+00	3.62E+00	5.46E-01	7.47E+00
Xe-138	Ci	<1.00E-06	3.75E+00	1.15E+00	4.90E+00
Total for period	Ci	4.07E+01	3.96E+01	1.25E+01	9.28E+01
2. Iodines					
I-131	Ci	1.32E-04	1.64E-04	4.69E-04	7.65E-04
I-132	Ci	5.75E-04	2.89E-04	4.49E-04	1.31E-03
I-133	Ci	2.73E-03	3.18E-03	3.60E-03	9.51E-03
I-134	Ci	<1.00E-11	9.11E-05	3.11E-04	4.02E-04
I-135	Ci	1.91E-03	1.76E-03	2.03E-03	5.70E-03
Total for period	Ci	5.35E-03	5.48E-03	6.86E-03	1.77E-02
3. Particulates					
Cr-51	Ci	<1.00E-04	2.53E-04	<1.00E-04	2.53E-04
Mn-54	Ci	3.20E-04	1.53E-04	2.91E-04	7.64E-04
Co-58	Ci	<1.00E-04	2.79E-05	<1.00E-04	2.79E-05
Fe-59	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Co-60	Ci	3.76E-04	1.63E-04	1.48E-04	6.87E-04
Zn-65	Ci	2.58E-05	<1.00E-04	<1.00E-04	2.58E-05
Sr-89	Ci	<1.00E-11	5.75E-11	<1.00E-11	5.75E-11
Sr-90	Ci	<1.00E-11	2.49E-11	<1.00E-11	2.49E-11
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	7.22E-04	5.97E-04	4.39E-04	1.76E-03

"<" indicates activity of sample is less than LLD given in uci/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1984)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		July	August	September	Third Quarter
1. Fission Gases					
Ar-41	Ci	1.27E+01	5.62E+00	5.26E+00	2.36E+01
Kr-85m	Ci	1.46E+00	3.99E-01	<1.00E-06	1.86E+00
Kr-87	Ci	5.65E-01	<1.00E-06	1.12E+00	1.69E+00
Kr-88	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133	Ci	3.20E+01	1.64E+02	5.57E+00	2.02E+02
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	5.78E+00	1.39E+00	1.15E-01	7.28E+00
Xe-135m	Ci	<1.00E-06	<1.00E-06	3.15E-01	3.15E-01
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	5.25E+01	1.71E+02	1.24E+01	2.36E+02
2. Iodines					
I-131	Ci	4.34E-04	1.03E-03	7.20E-04	2.18E-03
I-132	Ci	2.40E-03	4.78E-03	3.89E-03	1.11E-02
I-133	Ci	7.22E-03	8.70E-03	6.91E-03	2.28E-02
I-134	Ci	1.57E-03	2.42E-03	2.25E-03	6.24E-03
I-135	Ci	6.74E-03	1.06E-02	7.65E-03	2.50E-02
Total for period	Ci	1.84E-02	2.75E-02	2.14E-02	6.73E-02
3. Particulates					
Cr-51	Ci	1.39E-04	<1.00E-04	<1.00E-04	1.39E-04
Mn-54	Ci	3.28E-04	3.02E-04	4.07E-04	1.04E-03
Co-58	Ci	2.07E-05	<1.00E-04	1.90E-05	3.97E-05
Fe-59	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Co-60	Ci	1.72E-04	4.05E-04	2.35E-04	8.12E-04
Zn-65	Ci	1.38E-05	<1.00E-04	<1.00E-04	1.38E-05
Sr-89	Ci	<1.00E-11	1.76E-11	1.30E-11	3.06E-11
Sr-90	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	6.74E-04	7.07E-04	6.61E-04	2.04E-03

"<" indicates activity of sample is less than LLD given in uci/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1984)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		October	November	December	Fourth Quarter
1. Fission Gases					
Ar-41	Ci	3.74E-01	5.34E-01	2.14E-03	9.10E-01
Kr-85m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-87	Ci	1.89E+00	<1.00E-06	<1.00E-06	1.89E+00
Kr-88	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133	Ci	8.25E+01	1.23E+02	6.86E+00	2.12E+02
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	1.05E+00	2.22E+00	<1.00E-06	3.27E+00
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	8.58E+01	1.26E+02	6.86E+00	2.18E+02
2. Iodines					
I-131	Ci	2.06E-04	<1.00E-11	2.11E-04	4.17E-04
I-132	Ci	<1.00E-11	<1.00E-11	1.47E-04	1.47E-04
I-133	Ci	1.00E-03	1.98E-04	2.67E-03	3.87E-03
I-134	Ci	<1.00E-11	2.85E-04	<1.00E-11	2.85E-04
I-135	Ci	1.38E-04	<1.00E-11	1.32E-03	1.46E-03
Total for period	Ci	1.34E-03	4.83E-04	4.35E-03	6.17E-03
3. Particulates					
Cr-51	Ci	8.64E-05	<1.00E-04	<1.00E-04	8.64E-05
Mn-54	Ci	1.58E-04	3.45E-04	3.30E-04	8.33E-04
Co-58	Ci	<1.00E-04	<1.00E-04	1.46E-05	1.46E-05
Fe-59	Ci	<1.00E-04	<1.00E-04	8.78E-08	8.78E-08
Co-60	Ci	2.02E-04	3.36E-04	3.00E-04	8.38E-04
Zn-65	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Sr-89	Ci	<1.00E-11	9.00E-12	2.20E-11	3.10E-11
Sr-90	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ba-133	Ci	<1.00E-04	<1.00E-04	9.87E-07	9.87E-07
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	4.46E-04	6.81E-04	6.46E-04	1.77E-03

"<" indicates activity of sample is less than LLD given in uci/ml

LASALLE COUNTY NUCLEAR POWER STATION
UNITS ONE AND TWO
DOCKET NUMBERS 50-373 AND 50-374

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1985)

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

		First Quarter	Second Quarter
A. Fission and Activation Gases			
1. Total release	Ci	6.93E+01	7.48E+00
2. Average release rate for period	uCi/sec	7.13E+00	9.43E-01
3. Percent of Tech. Spec. limit	%	3.10E-02	3.70E-03
B. Iodines			
1. Total iodine-131	Ci	1.56E-03	1.93E-03
2. Average release rate for period	uCi/sec	3.87E-03	5.27E-03
3. Percent of Tech. Spec. limit	%	6.20E-02	7.50E-02
C. Particulates			
1. Particulates with T1/2 >8 days	Ci	3.67E-03	4.27E-03
2. Average release rate for period	uCi/sec	4.30E-02	2.00E-02
3. Percent of Tech. Spec. limit	%	1.20E-04	9.90E-05
4. Gross alpha radioactivity	Ci	5.01E-06	<1.00E-11
D. Tritium			
1. Total release	Ci	1.02E+00	1.20E-03
2. Average release rate for period	uCi/sec	1.30E-01	1.53E-04
3. Percent of Tech. Spec. limit	%	1.40E-03	1.60E-06

"<" indicates activity of sample is less than LLD given in uCi/ml

LASALLE COUNTY NUCLEAR POWER STATION
UNITS ONE AND TWO
DOCKET NUMBERS 50-373 AND 50-374

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL SEMIANNUAL REPORT (1985)

GASEOUS EFFLUENTS-SUMMATION OF ALL RELEASES

		Third Quarter	Fourth Quarter
A. Fission and Activation Gases			
1. Total release	Ci	1.02E+02	1.65E+01
2. Average release rate for period	uCi/sec	1.28E+01	9.67E+00
3. Percent of Tech. Spec. limit	%	8.00E-02	1.00E-03
B. Iodines			
1. Total iodine-131	Ci	4.30E-03	5.90E-04
2. Average release rate for period	uCi/sec	1.33E-02	1.09E-02
3. Percent of Tech. Spec. limit	%	2.70E-03	2.40E-02
C. Particulates			
1. Particulates with T1/2 >8 days	Ci	5.35E-03	1.51E-03
2. Average release rate for period	uCi/sec	1.74E-01	1.86E-02
3. Percent of Tech. Spec. limit	%	4.80E-03	8.00E-05
4. Gross alpha radioactivity	Ci	1.60E-08	<1.00E-11
D. Tritium			
1. Total release	Ci	7.10E-07	1.30E+00
2. Average release rate for period	uCi/sec	9.00E-08	1.67E-01
3. Percent of Tech. Spec. limit	%	9.50E-10	1.70E-03

"<" indicates activity of sample is less than LLD given in uCi/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1985)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		January	February	March	First Quarter
1. Fission Gases					
Ar-41	Ci	1.50E+01	1.80E+01	3.00E+00	3.60E+01
Kr-85m	Ci	1.50E+01	<1.00E-06	1.80E+00	1.68E+01
Kr-87	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-88	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133	Ci	1.60E+01	<1.00E-06	1.70E-02	1.60E+01
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	<1.00E-06	5.40E-01	<1.00E-06	5.40E-01
Xe-135m	Ci	<1.00E-06	2.70E-04	5.00E-03	5.27E-03
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	4.60E+01	1.85E+01	4.82E+00	6.93E+01
2. Iodines					
I-131	Ci	5.30E-04	4.50E-05	9.80E-04	1.56E-03
I-132	Ci	8.10E-04	2.00E-04	1.30E-03	2.31E-03
I-133	Ci	3.60E-03	8.60E-03	4.60E-03	1.68E-02
I-134	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
I-135	Ci	2.40E-03	5.20E-03	1.30E-03	8.90E-03
Total for period	Ci	7.34E-03	1.40E-02	8.18E-03	2.96E-02
3. Particulates					
Mn-54	Ci	1.20E-04	2.30E-04	2.00E-03	2.35E-03
Co-58	Ci	<1.00E-04	1.00E-05	<1.00E-04	1.00E-05
Fe-59	Ci	4.50E-05	<1.00E-04	<1.00E-04	4.50E-05
Co-60	Ci	5.00E-04	3.30E-04	3.90E-04	1.22E-03
Zn-65	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Sr-89	Ci	2.90E-11	4.60E-11	4.00E-08	4.01E-08
Sr-90	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-136	Ci	<1.00E-04	<1.00E-04	1.00E-05	1.00E-05
Cs-137	Ci	1.90E-05	4.80E-15	1.60E-05	3.50E-05
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	6.84E-04	5.70E-04	2.42E-03	3.67E-03

"<" indicates activity of sample is less than LLD given in uci/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1985)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		April	May	June	Second Quarter
1. Fission Gases					
Ar-41	Ci	3.80E+00	<1.00E-06	<1.00E-06	3.80E+00
Kr-87	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-88	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	3.60E+00	<1.00E-06	7.90E-02	3.68E+00
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	7.40E+00	<1.00E-06	7.90E-02	7.48E+00
2. Iodines					
I-131	Ci	3.30E-04	9.10E-04	6.90E-04	1.93E-03
I-132	Ci	1.40E-03	<1.00E-11	2.10E-03	3.50E-03
I-133	Ci	3.20E-03	6.00E-03	5.40E-03	1.46E-02
I-134	Ci	<1.00E-11	1.70E-03	7.80E-04	2.48E-03
I-135	Ci	4.10E-03	5.30E-03	7.00E-03	1.64E-02
Total for period	Ci	9.03E-03	1.39E-02	1.60E-02	3.89E-02
3. Particulates					
Mn-54	Ci	7.90E-04	1.30E-04	1.20E-03	2.12E-03
Co-58	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Fe-59	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Co-60	Ci	6.30E-04	2.20E-04	1.30E-03	2.15E-03
Zn-65	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Sr-89	Ci	4.00E-08	<1.00E-11	4.00E-08	8.00E-08
Sr-90	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	1.42E-03	3.50E-04	2.50E-03	4.27E-03

"<" indicates activity of sample is less than LLD given in uci/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1985)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		July	August	September	Third Quarter
1. Fission Gases					
Ar-41	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-85m	Ci	<1.00E-06	8.60E-01	<1.00E-06	8.60E-01
Kr-87	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-88	Ci	<1.00E-06	<1.00E-06	5.00E+01	5.00E+01
Xe-133	Ci	<1.00E-06	3.70E+01	<1.00E-06	3.70E+01
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	3.70E+00	4.30E-04	1.00E+01	1.37E+01
Xe-135m	Ci	<1.00E-06	1.00E-02	6.20E-03	1.62E-02
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	3.70E+00	3.79E+01	6.00E+01	1.02E+02
2. Iodines					
I-131	Ci	1.80E-03	1.10E-03	1.40E-03	4.30E-03
I-132	Ci	1.90E-03	4.10E-03	7.50E-03	1.35E-02
I-133	Ci	3.80E-03	8.40E-03	1.00E-02	2.22E-02
I-134	Ci	6.70E-03	3.20E-03	4.10E-03	1.40E-02
I-135	Ci	3.90E-03	9.20E-03	3.70E-02	5.01E-02
Total for period	Ci	1.81E-02	2.60E-02	6.00E-02	1.04E-01
3. Particulates					
Cr-51	Ci	<1.00E-04	4.70E-04	<1.00E-04	4.70E-04
Mn-54	Ci	3.00E-04	8.80E-05	1.40E-04	5.28E-04
Co-58	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Fe-59	Ci	<1.00E-04	2.30E-05	<1.00E-04	2.30E-05
Co-60	Ci	7.00E-04	3.20E-03	3.70E-04	4.27E-03
Zn-65	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Sr-89	Ci	3.50E-11	3.10E-11	<1.00E-11	6.60E-11
Sr-90	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
Nb-95	Ci	<1.00E-04	1.70E-05	3.60E-05	5.30E-05
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-134	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	1.00E-03	3.80E-03	5.46E-04	5.35E-03

"<" indicates activity of sample is less than LLD given in uci/ml

ERRATA TO THE EFFLUENT AND WASTE DISPOSAL REPORT (1985)

GASEOUS EFFLUENTS-ELEVATED RELEASE

Nuclides Released		October	November	December	Fourth Quarter
1. Fission Gases					
Ar-41	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Kr-85m	Ci	2.40E-01	<1.00E-06	<1.00E-06	2.40E-01
Kr-87	Ci	5.20E-01	<1.00E-06	<1.00E-06	5.20E-01
Kr-88	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-133	Ci	1.30E+01	<1.00E-06	<1.00E-06	1.30E+01
Xe-133m	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Xe-135	Ci	2.70E+00	<1.00E-06	<1.00E-06	2.70E+00
Xe-138	Ci	<1.00E-06	<1.00E-06	<1.00E-06	<1.00E-06
Total for period	Ci	1.65E+01	<1.00E-06	<1.00E-06	1.65E+01
2. Iodines					
I-131	Ci	5.90E-04	<1.00E-11	<1.00E-11	5.90E-04
I-132	Ci	2.90E-03	<1.00E-11	<1.00E-11	2.90E-03
I-133	Ci	4.50E-03	<1.00E-11	<1.00E-11	4.50E-03
I-134	Ci	<1.00E-11	<1.00E-11	<1.00E-11	<1.00E-11
I-135	Ci	4.50E-03	<1.00E-11	7.50E-02	7.95E-02
Total for period	Ci	1.25E-02	<1.00E-11	7.50E-02	8.75E-02
3. Particulates					
Mn-54	Ci	1.80E-04	1.10E-04	1.10E-04	4.00E-04
Co-58	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Fe-59	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Co-60	Ci	6.80E-04	3.40E-04	7.60E-05	1.10E-03
Zn-65	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Sr-89	Ci	1.80E-11	<1.00E-11	<1.00E-11	1.80E-11
Sr-90	Ci	3.00E-12	<1.00E-11	<1.00E-11	3.00E-12
Mo-99	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Cs-134	Ci	1.20E-05	<1.00E-04	<1.00E-04	1.20E-05
Cs-137	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
La-140	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-141	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Ce-144	Ci	<1.00E-04	<1.00E-04	<1.00E-04	<1.00E-04
Total for period	Ci	8.72E-04	4.50E-04	1.86E-04	1.51E-03

"<" indicates activity of sample is less than LLD given in uci/ml