

**Commonwealth Edison**

Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

March 4, 1982

DJS LTR: #82/298

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

PRINCIPAL STAFF			
DLE		PAIS	
D/D		PAQ	
A/D		MR	
DR&PI			
DE&TI	hus		
DE&OS		File	hus

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SUBJECT: Addenda To The Dresden Station Operating Report, NRC Dockets
50-237 And 50-249

Dear Mr. Keppler:

Enclosed are addenda to Part 2 of the Dresden Station Operating Report Reporting Radioactive Effluents. These addenda concern pages 2 and 3 of the Unit 2/3 Report of Radioactive Effluents.

The units for "Gross Activity (β - γ)" for the first row of page 2 and page 3 should read "curies", not "millicuries" as shown on the original pages. The corrected pages 2 and 3 have been attached for your convenience.

Sincerely,

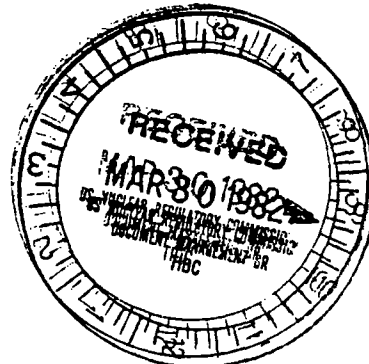
DJ Scott

Douglas J. Scott
Station Superintendent
Dresden Nuclear Power Station

DJS:RA:mb

Attachment

cc: File/NRC
File/Numerical
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REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: Dresden Nuclear Power Station - Unit 2/3

DOCKET NOS.: 50-237, 50-249

YEAR: 1981

I. Gaseous Effluents(continued)	UNITS	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	6 MO. TOTAL	TECH. SPEC. REF.
3. Chimney Particulate Release									
a) Gross Radioactivity(β - γ)	curies	2.40E-01	1.50E-01	9.55E-02	9.94E-02	8.62E-02	6.21E-02	7.33E-01	6.6D.1.f.(1)
b) Gross Alpha Radioactivity	mCi								
c) Isotopes Released									6.6D.1.f.(1)
Cr-51 / Cs 136	mCi	-	-	2.24E-01	-	-	-	2.24E-01	
Mn-54	mCi	4.99E-02	-	2.92E-01	9.95E-02	1.94E-01	1.25E-02	6.48E-01	
Co-58	mCi	5.08E-02	-	4.79E-02	-	3.83E-02	3.92E-02	1.76E-01	
Co-60	mCi	1.63E00	3.99E00	1.17E00	2.53E00	1.03E00	9.41E-01	1.13E+01	
Sr-89	mCi	7.93E+01	1.47E+01	3.70E00	6.71E00	7.43E00	7.55E00	1.19E+02	
Sr-90	mCi	4.39E-01	8.40E-02	2.22E-02	7.86E-03	8.70E-03	8.85E-03	5.71E-01	
I-131	mCi	3.65E+01	2.90E+01	1.82E+01	1.52E+01	1.03E+01	6.26E00	1.15E+02	
Cs-134 / Zr 95	mCi	-	-	1.10E-01	2.24E-02	-	-	2.24E-02	
Cs-137	mCi	7.86E-01	6.74E-01	6.70E-01	6.79E-01	8.17E-01	6.42E-01	4.27E00	
Ba-140*	mCi	1.15E+02	9.80E-01	6.76E+01	7.12E+01	6.48E+01	4.61E+01	4.63E+02	
Ce-141	mCi	5.36E00	2.98E00	3.01E00	2.18E00	1.34E00	5.71E-01	1.54E+01	
Ce-144	mCi	-	-	-	7.08E-01	1.48E-01	-	8.56E-01	
Ru-103 / Nb 95		5.65E-01	.77E-01	3.89E-01	4.75E-02	7.23E-02	9.11E-03	1.26E00	
d) Percent of Chimney Limit	%	2.08	1.30	0.86	0.86	0.77	0.54	1.07	6.6D.1.f.(3)
e) Average Release Rate	uCi/sec	8.96E-02	5.60E-02	3.68E-02	3.71E-02	3.33E-02	2.32E-02	4.61E-02	
4. Vent Stack Iodine Release									6.6D.1.f.(1)
a) Isotopes Released									
I-131	curies	1.71E-02	2.22E-02	7.72E-03	3.46E-03	2.23E-03	2.39E-03	5.51E-02	
I-133	curies	1.21E-01	1.55E-01	3.27E-02	1.54E-02	3.65E-03	1.32E-02	3.41E-01	
I-135	curies	1.90E-01	2.13E-01	5.67E-02	1.87E-02	2.98E-03	1.74E-02	4.99E-01	
b) Percent of Vent Stack Limit	%	5.32	6.91	2.48	1.08	0.72	0.74	2.89	6.6D.1.f.(3)
c) Average Release Rate	uCi/sec	6.38E-03	8.29E-03	2.98E-03	1.29E-03	8.60E-04	8.92E-04	3.47E-03	

* La-140 identified but not reported

REPORT OF RADIOACTIVE EFFLUENTS

FACILITY: Dresden Nuclear Power Station - Unit 2/3

DOCKET NOS.: 50-237, 50-249

YEAR: 1981

I. Gaseous Effluents (Continued)	UNITS	JUL	AUG	SEP	OCT	NOV	DEC	6 MO. TOTAL	TECH. SPEC. REF.
5. Vent Stack Particulate Release									
(a) Gross Radioactivity (B-Y)	curies	3.62E-02	4.14E-02	1.77E-02	6.82E-03	4.04E-03	4.91E-03	1.11E-01	
(b) Gross Alpha Radioactivity	mCi								6.6D.1.f.(1)
(c) Isotopes Released									
Cr-51	mCi	5.16E00	8.03E00	1.72E00	1.10E00	7.30E-01	6.28E-01	1.74E+01	6.6D.1.f.(1)
Mn-54	mCi	4.40E-01	2.21E-01	2.78E-01	1.94E-01	1.31E-01	1.37E-01	1.40E00	
Co-58	mCi	3.77E-01	3.48E-01	1.96E-01	1.40E-01	1.23E-01	1.14E-01	1.30E00	
Fe-59	mCi	2.18E-01	3.20E-02	1.25E-01	4.87E-02	1.35E-02	2.92E-02	4.66E-01	
Co-60	mCi	2.86E00	2.19E00	2.14E00	1.50E00	9.92E-01	1.03E00	1.07E+01	
Zn-65	mCi	3.10E-01	2.91E-02	8.45E-02	7.57E-02	3.05E-02	1.45E-02	5.44E-01	
Sr-89	mCi	2.44E00	1.63E00	3.28E00	4.86E-02	4.70E-02	4.91E-02	7.49E00	
Sr-90	mCi	3.92E-02	2.28E-02	6.19E-03	9.73E-03	9.42E-03	9.73E-03	9.71E-02	
Zr-95	mCi	8.77E-02	3.00E-03	3.58E-02	3.07E-02	1.72E-02	8.76E-03	1.83E-01	
Nb-95	mCi	1.10E00	2.46E-02	5.08E-02	2.76E-02	1.19E-02	2.29E-02	1.24E00	
Ru-103	mCi	1.78E-01	6.47E-02	6.76E-02	2.91E-02	1.15E-02	7.02E-03	3.58E-01	
(continued on next page)									
(d) Percent Vent Stack Limit	%	11.26	12.88	5.69	2.12	1.30	1.53	5.82	6.6D.1.f.(3)
(e) Average Release Rate	uCi/sec	1.35E-02	1.55E-02	6.83E-03	2.55E-03	1.56E-03	1.83E-03	6.98E-03	
6. Sum of Iodine and Particulate									
a) Percent of Chimney Limit	%	4.23	3.08	2.36	1.72	1.51	0.83	2.29	6.6D.1.f.(3)
b) Percent of Vent Stack Limit	%	16.57	19.83	8.18	3.20	2.02	2.27	8.71	
7. Gaseous Tritium									
a) Release	curies	4.53E+01	2.27E+01	2.66E+01	6.05E00	6.12E00	9.70E00	1.16E+02	
b) Average Release Rate	uCi/sec	1.69E+01	8.46E00	1.03E+01	2.26E00	2.36E00	3.62E00	7.30E00	
c) Percent Tech Spec Limit	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	