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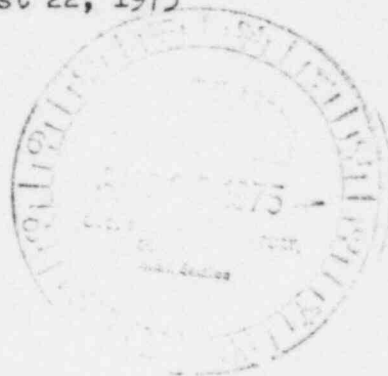
Address Reply to: Post Office Box 767

Chicago, Illinois 60690

Dresden Nuclear Power Station
R. R. #1
Morris, Illinois 60450
August 22, 1975

BBS Ltr# 504-75

J. Keppler, Regional Director
Office of Inspection and Enforcement
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Ill 60137



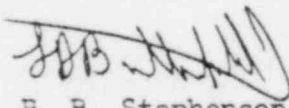
SUBJECT: Dresden Nuclear Power Station Semi-Annual Report N.R.C.
Dockets 50-10, 50-237, and 50-249

Dear Mr. Keppler:

Attached is the second portion of the Semi-Annual Report pertaining to Radioactive Effluent Discharges, Environmental Monitoring, Solid Radioactive Waste, and Personnel Exposures for Dresden Units 1, 2, and 3 for the period of January 1, 1975 through June 30, 1975, as required by the Technical Specifications. The first portion of this report was transmitted under a separate cover.

One copy of this report is provided for your use, and 39 copies are being transmitted by this letter to Mr. Benard C. Rusche, Director of the Office of Nuclear Reactor Regulation.

Sincerely,


B. B. Stephenson
Station Superintendent

BBS:DA:jea

80 10100 474

R

8181

REVISED

TABLE 1.2-2

REPORT OF RADIOACTIVE EFFLUENTS

Docket No. 50-237 & 50-249

YEAR: 1975

FACILITY: Dresden Unit 2 & 3

1.2 Liquid Effluents	Units	Jan.	Feb.	March	April	May	June	Six Mo. Total
1. Gross Radioactivity								
a) Total Release	Curies	None	2.0E-02	8.9E-02	7.0E-02	2.3E-01	1.4E-01	5.5E-01
b) Average Concentration Released	μCi/ml	None	2.6E-09	1.1E-08	1.1E-09	2.6E-09	5.9E-09	4.6E-09
c) Maximum Concentration Released	μCi/ml	None	3.4E-08	4.5E-08	2.3E-08	5.9E-08	6.6E-08	6.6E-08
d) % of Tech Spec Limit	%	None	2.61	10.5	1.1	2.59	5.9	4.6
2. Tritium								
a) Total Release	Curies	None	2.16E-04	5.29E-04	4.42E-03	2.51E+01	1.89E+01	4.4E+01
b) Average Concentration Released	μCi/ml	None	2.83E-11	6.26E-11	6.76E-11	2.84E-07	7.6E-07	2.1E-
3. Dissolved Noble Gases								
a) Total Release	Curies	None Detected						
b) Average Concentration Released	μCi/ml	None Detected						
4. Gross Alpha Radioactivity								
a) Total Release	Curies	None	1.63E-05	3.34E-05	2.50E-04	3.08E-02	4.88E-03	3.6E-02
b) Average Concentration Released	μCi/ml	None	2.13E-12	3.95E-12	3.82E-12	3.49E-10	2.00E-10	1.1E-10

REVISED

8/20/75

TABLE 1.2-2 (Cont'd)

REPORT OF RADIOACTIVE EFFLUENTS

Docket No. 50-237 & 50-249

YEAR: 1975

FACILITY: Dresden Unit 2 & 3

1.2 Liquid Effluents		Units	Jan.	Feb.	March	April	May	June	Six Month Total
5.	Volume of Liquid Waste to Discharge Canal	Liters	None	1.66E+05	6.47E-05	1.05E06	4.48E06	3.38E06	9.73E06
6.	Volume of Dilution Water	Liters	8.45E09	7.63E09	8.45E09	6.54E10	9.0E+10	2.5E+10	2.0E11
7.	Isotopes Released	Curies							
	Cs-134	None		2.3E-04	6.0E-03	-	1.4E-02	8.5E-03	2.8E-02
	Cs-137	None		4.7E-04	1.3E-02	6.9E-03	-	-	2.0E-02
	I-131	None		1.2E-03	1.4E-02	-	-	-	1.5E-02
	Mn-54	None		2.6E-03	5.3E-03	-	1.5E-02	9.6E-03	3.3E-02
	Co- 60	None		1.5E-02	4.5E-02	5.2E-02	6.3E-02	3.9E-02	2.1E-01
	Sr- 89	None		1.0E-05	4.9E-03	9.9E-03	1.3E-01	8.4E-02	2.3E-01
	Sr- 90	None		1.0E-05	2.0E-04	1.0E-03	4.1E-03	2.6E-03	7.8E-03
	Ag-110m	None		6.5E-04	-	-	-	-	6.5E-04

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TO: J. Keppler		ORIG 1-signed	CC	OTHER	SENT NRC PDR SENT LOCAL PDR		xx xx
CLASS	UNCLASS x xxx	PROP:INFO	INPUT	NO CYS REC'D	DOCKET NO: <u>50-10</u> 50-237, and 50-249		

DESCRIPTION:
Ltr trans the following:
ACRS-1
Dept of Interior-2
EPA-2
Cys sent to Enviro Lic Asst for Dist

PLANT NAME: Dresden 1 thru 3

ENCLOSURES:
Radioactive Waste, Environmental Monitoring
and Occupational Personnel Radiation Exposure
January Through June, 1975

(40 cys enc'l rec'd)

ACKNOWLEDGED
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FOR ACTION/INFORMATION 8-29-75 JGB

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