



A Centerior Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

June 10, 1994

Ohio Environmental Protection Agency
Division of Surface Water
CM&E - Permit Compliance Unit
1800 Watermark Drive
P.O. Box 1049
Columbus, OH 43215

Subject: Submittal of the May 1994 Wastewater Report

Ladies and Gentlemen:

Attached is the May 1994 Wastewater Report for the Davis-Besse Nuclear Power Station (DBNPS), Unit Number 1, Permit Number 2IB00011*ED.

If you have any questions, please contact Mr. William T. O'Connor, Manager - Regulatory Affairs, at (419) 249-2366.

Very truly yours,

A handwritten signature in cursive script that reads 'John K. Wood'.

John K. Wood
Plant Manager
Davis-Besse Nuclear Power Station

TKW/lkg

Attachments

cc: Z. A. Clayton, Ohio Environmental Protection Agency
U. S. Nuclear Regulatory Commission Document Control Desk

210057

9406220274 940531
PDR ADDCK 05000346
F PDR

JE23

STATION CODE: 21B00011001
 REPORTED DATE (MONTH, YEAR): MAY 1994
 PAGE: 1 OF 1
 PRINTING DATE: 12/17/93
 APPLICATION: OH0003786

SAMPLING STATION DESCRIPTION: 001 DISCHARGE TO LAKE ERIE

TOLEDO EDISON COMPANY
 DAVIS-BESSE NUCLEAR
 POWER STATION - UNIT NO. 1
 300 MADISON AV. WSTOP 2101
 TOLEDO 43652 OTTAWA

NOTE: THIS FORM MUST BE TYPED

REPORTING LAB: TOLEDO EDISON
 ANALYST: J. Sturdavant

DATE	PH		CONDUI		CHLOR		FREE A	
	1	3	1	3	1	3	1	3
	999	1	999	1	999	1	999	1
	WATER	PH	CONDUI	CHLOR	WATER	PH	CONDUI	CHLOR
	TEMP.		FLOW	FREE A	TEMP.		FLOW	FREE A
	F	S.U.	MGD	MG/L	F	S.U.	MGD	MG/L
REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE
00011	00400	50050	50064					
01	57.6	8.5	28.5	AA				
02	55.5	8.6	37.2	AA				
03	57.7	8.5	28.1	AA				
04	59.2	8.5	27.8	AA				
05	59.9	8.5	37.0	AA				
06	60.0	8.6	28.1	AA				
07	60.2	8.6	28.1	AA				
08	59.9	8.5	28.2	AA				
09	62.1	8.7	28.1	AA				
10	61.6	8.8	28.9	AA				
11	62.9	8.7	28.5	AA				
12	61.7	8.7	28.7	AA				
13	60.7	8.6	28.9	AA				
14	63.5	8.7	28.9	AA				
15	66.4	8.8	28.4	AA				
16	64.7	8.8	28.7	AA				
17	62.5	8.8	28.5	AA				
18	61.9	8.7	28.8	AA				
19	61.0	8.6	36.4	AA				
20	63.3	8.7	28.7	AA				
21	64.9	8.7	28.7	AA				
22	66.5	8.7	28.7	AA				
23	66.8	8.6	28.7	AA				
24	67.8	8.6	28.6	AA				
25	68.9	8.7	28.6	AA				
26	68.2	8.8	32.1	AA				
27	63.4	8.5	37.9	AA				
28	66.0	8.8	27.9	AA				
29	68.8	8.7	27.9	AA				
30	70.4	8.6	27.9	AA				
31	72.4	8.8	27.8	AA				
TOTAL	1966.4	---	919.3	0.0				
	63.0	---	30.0	0.0				
	72.4	6.8	37.9	0.0				
	55.5	8.5	27.8	0.0				

ADDITIONAL COMMENTS (ALL COMMENTS SHOULD BE EXPLAINED IN THIS SECTION)

AA: The free available chlorine detection limit is 0.05 mg/L using the direct asperometric titration method.

REPORTER

06/10/94

Wood

Plant Manager

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR
POWER STATION - UNIT NO. 1
300 MADISON AV. MSTOP 2101
TOLEDO 43652 OTTAWA

STATION CODE: 21B00011002
DATE (MONTH, YEAR): MAY 1994
SAMPLING STATION DESCRIPTION: 002 OUTFALL TOUSSAINT RIVER

PAGE: 1 OF 1
PRINTING DATE: 12/17/93
APPLICATION NO: OH0003786

NOTE: THIS FORM MUST BE TYPED

1) ENTER 1 FOR CONTINUOUS, 2 FOR COMPONENTS, 3 FOR AIR-BE SAMPLE
2) ENTER FREQUENCY OF SAMPLING
REPORTING LAB: TOLEDO EDISON
ANALYST: J. Stordavant

(1)	3	3	3	1					
(2)	1	1	1	999					
	PH	RESIDU P. NPL MG/L	O&G TOTAL MG/L	CONDUI FLOW MGD					
	S.U.								
REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE
AY	00400	00530	00550	50050					
01				0.080					
02	7.4			0.068					
03				0.068					
04		15.9		0.068					
05			1.4	0.068					
06				0.068					
07				0.122					
08				0.074					
09	7.8			0.068					
10				0.068					
11		5.3		0.164					
12			0.9	0.068					
13				0.068					
14				0.068					
15				0.146					
16				0.068					
17				0.068					
18		5.6		0.068					
19	7.9		0.9	0.068					
20				0.068					
21				0.068					
22				0.068					
23				0.068					
24				0.068					
25	7.7	5.1		0.398					
26			2.2	0.218					
27				0.068					
28				0.068					
29				0.068					
30				0.068					
31				0.194					

AL	---	31.9	5.4	2.960					
	---	6.1	1.7	0.095					
	7.9	15.9	2.2	0.398					
	7.4	5.1	0.9	0.068					

OPTIONAL REMARKS (AFTER REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AA: The Oil and Grease detection limit is 1.0 mg/L using the Partition-Gravimetric method.

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR
POWER STATION - UNIT NO. 1
300 MADISON AV. NSTOP 2101
TOLEDO 43652 OTTAWA

21800011003

MAY 1994

1 1

12/17/93

OH0003786

SAMPLING STATION DESCRIPTION

003 GUYFALL NAVARRE MARSH

NOTE: THIS FORM MUST BE TYPE

REPORTING LAB TOLEDO EDISON ANALYST J. Sturdavant

Table with columns for DATE, RESIDU T. WPL MG/L, CONDUIT FLOW MGD, and multiple REPORTING CODES. Includes summary rows for TOTAL, WQ, W, and IN.

ADDITIONAL REMARKS (IF REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

TOLEDO EDISON COMPANY
 DAVIS-BESSE NUCLEAR
 POWER STATION - UNIT NO. 1
 360 MADISON AV. MSTOP 2101
 TOLEDO 43652 OTTAWA

21B00011601

MAY 1994

1 OF 1

12/17/93

OH0003786

CAMPUS/STATION IDENTIFICATION

601 DISCHARGE STP

NOTE: THIS FORM MUST BE TYPED

(1) - ENTER 1 FOR CONTINUOUS, 2 FOR 24-HOUR, 3 FOR 12-HOUR, 4 FOR 6-HOUR, 5 FOR 3-HOUR, 6 FOR 1-HOUR, 7 FOR 30-MINUTE, 8 FOR 15-MINUTE, 9 FOR 5-MINUTE, 10 FOR 1-MINUTE		REPORTING LAB						ANALYST				
(2) - ENTER FREQUENCY OF SAMPLING		TOLEDO EDISON						J. Sturdavant				
(1)	3	3	3	1	3	3						
(2)	1	1	1	999	1	1						
	COLOR SEVER UNITS	ODOR SEVER UNITS	TURBID SEVER UNITS	CONDUI FLOW MGD	BOD 5 DAY MG/L	RESIDU T. NPL MG/L						
REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE
AY	00083	01330	01350	50050	00310	00530						
01	AN	AN	AN	0.001								
02	0	0	0	0.001								
03	0	0	1	0.013	4.0							
04	0	0	1	0.012		1.5						
05	0	0	1	0.012								
06	0	0	1	0.025								
07	AN	AN	AN	0.001								
08	AN	AN	AN	0.001								
09	1	0	0	0.001								
10	1	0	0	0.014	AA							
11	1	0	0	0.003		2.1						
12	1	0	0	0.017								
13	1	0	0	0.024								
14	AN	AN	AN	0.001								
15	AN	AN	AN	0.001								
16	1	0	1	0.001								
17	1	0	1	0.012	AA							
18	1	0	1	0.015		2.1						
19	1	0	1	0.011								
20	1	0	1	0.027								
21	AN	AN	AN	0.003								
22	AN	AN	AN	0.003								
23	0	0	1	0.003								
24	0	0	1	0.038	AA							
25	0	0	1	0.037		2.1						
26	0	0	1	0.031								
27	0	0	1	0.084								
28	AN	AN	AN	0.002								
29	AN	AN	AN	0.002								
30	AN	AN	AN	0.002								
31	0	0	1	0.002	4.0							
TAL	10	0	14	0.398	8.0	7.8						
Q	1	0	1	0.013	4.0	2.0						
X	1	0	1	0.084	4.0	2.1						
I	0	0	0	0.001	4.0	1.5						

ADDITIONAL REMARKS (ALL REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

AA: The BOD detection limit is 4.0 mg/L using the electrode method.

DISTRIBUTION
 WHITE - AGENCY
 GREEN - REPORTER

DATE OF REPORT: 06/10/94
 SIGNATURE OF REPORTER: *Sturdavant*
 TITLE OF REPORTER: Plant Manager

DAILY REPORT FORM

REPORTING AGENCY ADDRESS CITY COUNTY ZIP

REPORTING CODE

REPORTED

DATE MONTH YEAR

PLANT

PERMITS DATE

APPLICATION

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR
POWER STATION - UNIT NO. 1
300 MADISON AV. NSTOP 2101
TOLEDO 43652 OTTAWA

21800011602

MAY 1994

1 1

12/17/93

OH0003786

SAMPLING STATION DESCRIPTION

602 LOW VOLUME WW SETTLING BASIN OVERFLOW

NOTE THIS FORM MUST BE TYPED

4(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE
4(2) - ENTER FREQUENCY OF SAMPLING

REPORTING LAB

TOLEDO EDISON

ANALYST

J. Sturdavant

(1)	1	3	3							
(2)	999	1	1							
	CONDU	RESIDU	O&G							
	FLOW	T. RPL	TOTAL							
	MGD	MG/L	MG/L							
	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CL
DAY	50050	00530	00550							
01	0.215									
02	0.215									
03	0.215									
04	0.215	4.8								
05	0.215		1.4							
06	0.215									
07	0.215									
08	0.215									
09	0.215									
10	0.215									
11	0.215									
12	0.215									
13	0.215									
14	0.215									
15	0.215									
16	0.215									
17	0.215									
18	0.215	1.0								
19	0.215		0.7							
20	0.215									
21	0.215									
22	0.215									
23	0.215									
24	0.215									
25	0.215									
26	0.215									
27	0.215									
28	0.215									
29	0.215									
30	0.215									
31	0.215									
TOTAL	6.665	5.8	2.1							
S	0.215	2.9	1.1							
X	0.215	4.8	1.4							
L	0.215	1.0	0.7							

ADDITIONAL REMARKS (ADDITIONAL REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

DISTRIBUTION
WHITE - AGENCY
GREEN - REPORTER

DATE OF REPORT GENERATION
SIGNATURE OF REPORTER
TITLE OF REPORTER

Sturdavant

4500

Ohio EPA

DAILY REPORT FORM

PLANT ADDRESS CITY COUNTY ZIP

STATION CODE

REPORTED

DATE (MONTH YEAR)

WQRF - FRACTION (1) (2) (3)

WQRF - FRACTION (1) (2) (3)

TOLEDO EDISON COMPANY
DAVIS-BESSE NUCLEAR
POWER STATION - UNIT NO. 1
300 MADISON AV. MSTOP 2101
TOLEDO 43652 OTTAWA

21B00011801

MAY 1994

1 1

12/17/93

OH0003786

SAMPLING STATION DESCRIPTION

801 INTAKE PRIOR COOLING OPERATION

NOTE THIS FORM MUST BE FILLED

(1) - ENTER 1 FOR CONTINUOUS, 2 FOR COMPOSITE, 3 FOR GRAB SAMPLE		REPORTING LAB		ANALYST	
(2) - ENTER FREQUENCY OF SAMPLING		TOLEDO EDISON		J. Sturdavant	
JAY	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE	REPORTING CODE
01	52.2				
02	50.4				
03	50.8				
04	52.1				
05	53.7				
06	54.3				
07	54.2				
08	52.7				
09	53.9				
10	55.2				
11	55.6				
12	55.5				
13	55.3				
14	55.9				
15	57.0				
16	58.8				
17	57.1				
18	56.4				
19	56.2				
20	56.9				
21	57.7				
22	58.5				
23	58.7				
24	61.4				
25	62.8				
26	64.0				
27	62.6				
28	60.6				
29	60.9				
30	63.8				
31	65.1				
TAL	1770.3				
S	57.1				
D	65.1				
N	50.4				

ADDITIONAL REMARKS (ALL REPORTING CODES MUST BE EXPLAINED IN THIS SECTION)

DISTRIBUTION
WHITE - AGENCY
GREEN - REPORTER

REPORTER'S SIGNATURE (PRINT NAME) DATE REPORTED
DATE REPORT COMPLETED SIGNATURE OF REPORTER TITLE OF REPORTER

FORM NO EPA 450 (REV. 11/81)

06/10/94

Sturdavant

Plant Manager