



A Centerior Energy Company

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

April 25, 1996

Mr. Robert Plotts, Environmental Specialist
Division of Water Pollution Control
Ohio Environmental Protection Agency
Northwest District Office
347 North Dunbridge Road
P. O. Box 466
Bowling Green, Ohio 43402-0466

50-346

Dear Mr. Plotts:

Subject: Unauthorized Discharge for Ohio Environmental Protection Agency
National Pollutant Discharge Elimination System Permit
Number 2IB00011*ED

This notification is being provided in accordance with Part III, Section 12(D) of the Ohio Environmental Protection Agency (EPA) National Pollutant Discharge Elimination System (NPDES) Permit Number 2IB00011*ED for the Davis-Besse Nuclear Power Station.

On April 10, 1996, the station began draining water from the feedwater system, which contains hydrazine, an oxygen scavenger, to the facility's north settling basin, Number 2 Basin (see Attachment 1). Approximately every 18 months, the feedwater system, like the other station equipment, is drained for inspection and maintenance.

To prevent any discharge of hydrazine, the Outfall 602 pumps were immediately locked out. However, by April 14, 1996, the north settling basin was filled to capacity. On April 14 at approximately 1320 hours, one of the Outfall 602 pumps had to be turned on to prevent the basin from overflowing. The pumps remained on until April 16, 1996, at 1940 hours. The hydrazine concentrations during this discharge were previously reported to you in a letter submitted on April 18, 1996.

Due to the north settling basin again reaching capacity, the Outfall 602 pumps were turned on April 19, 1996, at 1053 hours to prevent the basin from overflowing. The hydrazine concentration in the basin at that time was 24.7 ug/L.

Following discovery of this exceedance on Friday, April 19, 1996, both the internal Outfall 602 and the external Outfall 001 have been closely monitored for hydrazine. A list of these results is enclosed (see Attachment 2).

The remainder of the systems containing hydrazine are being drained to the middle settling basin, Number 1 Basin. This basin has been isolated to allow the hydrazine to dissipate prior to discharge.

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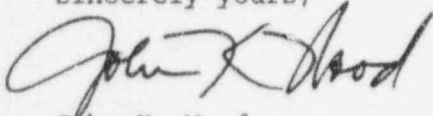
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This incident was first reported to your office on April 19, 1996, at 1200 hours. Then, at the request of Mr. Richard Zuzik of your office, a call was made to the Ohio EPA Emergency Response Center on April 19, 1996, at 1500 hours, in accordance with Section 12(A) of our NPDES permit. This event was given Incident Identification Number 9604-62-1560.

Should you have any questions regarding this matter, please contact Mr. James L. Freels, Manager - Regulatory Affairs, at (419) 321-8466.

Sincerely yours,

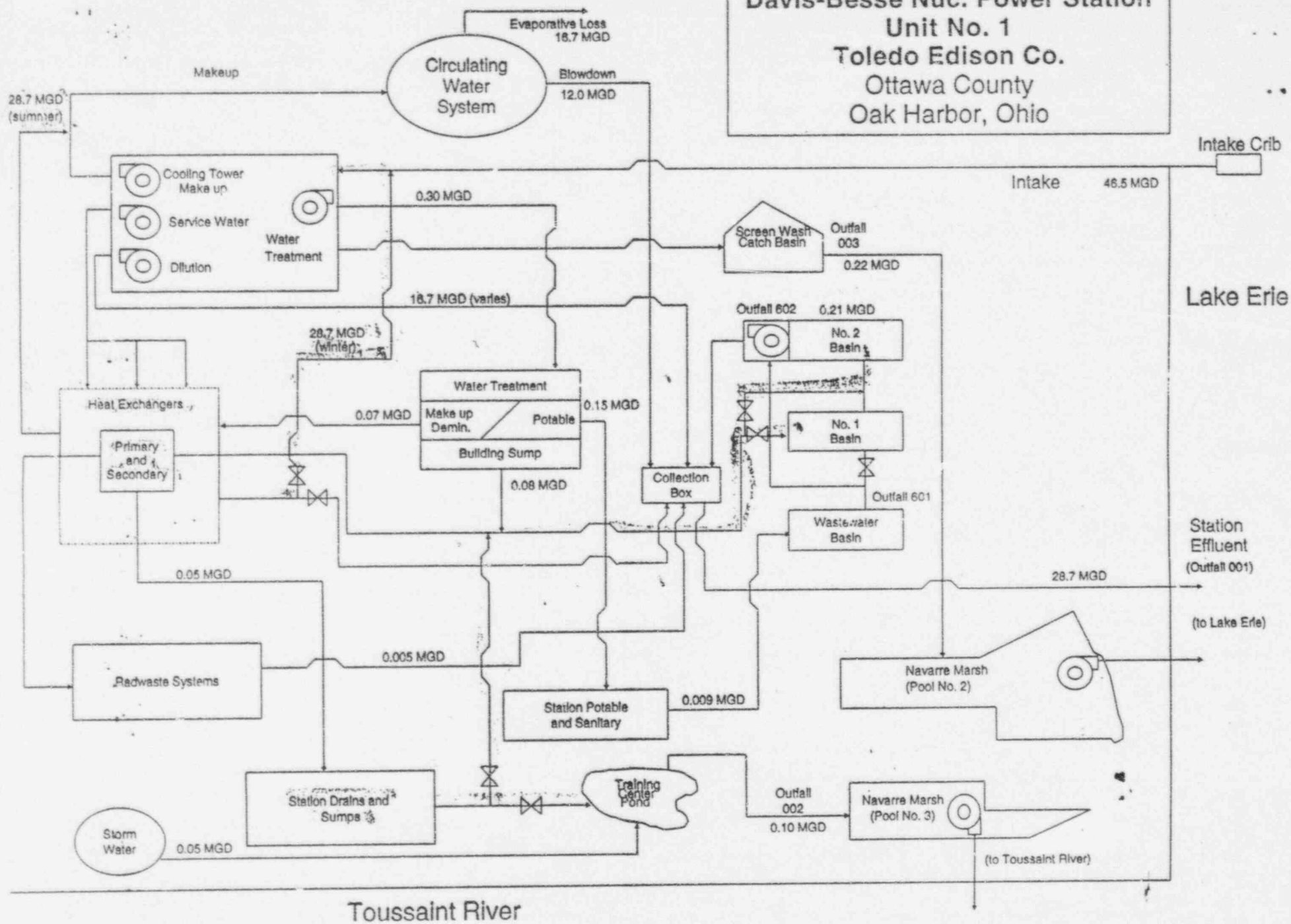
A handwritten signature in cursive script, appearing to read "John K. Wood".

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

TKW/lkm

Attachments

Davis-Besse Nuc. Power Station
Unit No. 1
Toledo Edison Co.
Ottawa County
Oak Harbor, Ohio



Toussaint River

Lake Erie

Station Effluent
(Outfall 001)
(to Lake Erie)

(to Toussaint River)

HYDRAZINE LEVELS (ug/L)

DATE	TIME	OUTFALL 602 CONCENTRATION	OUTFALL 001 CONCENTRATION
4/14/96	1505 hrs.	63	NA
4/14/96	1800 hrs.	55	5.6
4/15/96	0140 hrs.	56	5.2
4/15/96	1020 hrs.	56	<5
4/15/96	1735 hrs.	65	5.2
4/16/96	0140 hrs.	61	5.6
4/16/96	0840 hrs.	12	<5
4/16/96	1310 hrs.	56	NA
4/16/96	1920 hrs.	45	8.1
4/16/96	1940 hrs.	Pumps turned off	

The above values were previously reported on 4/18/96

4/19/96	1053 hrs.	Pumps turned on	
4/19/96	1150 hrs.	24.7	NA
4/19/96	2015 hrs.	26	NA
4/20/96	0440 hrs.	23	6.6
4/20/96	1000 hrs.	22	2.7
4/20/96	1115 hrs.	Pumps turned off	
4/23/96	0955 hrs.	12	NA
4/23/96	1219 hrs.	Pumps turned on	
4/23/96	1415 hrs.	NA	<5
4/23/96	2005 hrs.	10	<5
4/24/96	0215 hrs.	11	<5
4/24/96	1005 hrs.	7	<5
4/24/96	1925 hrs.	10	<5
4/24/96	2255 hrs.	Pumps turned off	