

ORIGINAL

we energies



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November 5, 2002

Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

RE: Brule Hydroelectric Project - FERC No. 2431-018
Article 405 - Water Quality Monitoring Report

Wisconsin Electric Power Company, doing business as We Energies, is hereby filing one original and eight additional copies of the results of the water quality monitoring for the Brule Project performed during the months of June, July, August and September of 2002.

The Commission issued a new license on August 29, 1995 for the above project and by orders dated September 10, 1997 and April 15, 1999, approved and modified Wisconsin Electric's (now We Energies') water quality monitoring plan. The monitoring plan assures that the Brule Plant's discharge meets the state's water quality standards for temperature and dissolved oxygen (DO). The applicable mean temperature standards for the months of monitoring (June, July, August and September) are 80°F (26.7°C), 83°F (28.3 °C), 81°F (27.2°C) and 74°F (23.3°C), respectively. The applicable DO standard is 5.0 mg/l. at all times.

The attached table and supporting data (on diskette) document 100% compliance with these standards. However, we note for the record that the monthly average temperature standard for July (28.3 °C) was exceeded for three hours on July 1st at the Brule Gauging Station location, which is upstream of project waters.

Finally, it should be noted that data recovery from our monitoring instruments (Hydrolab Datasonde) was 100 % at both the Brule Tailrace and Brule Gauging Station monitoring locations for the entire four month period (June 1 through September 30, 2002).

A diskette containing the raw data and accompanying explanatory sheet is being submitted to Messrs. Moronek and Suppnick for their Agencies use.

Enclosed is a proof of service to the agencies listed on the copy list.

Please call me at (908) 779-2547, if you have questions on this matter.

Sincerely,

William Rauscher

William Rauscher, Manager
Hydroelectric Operations Division

Enclosures

cc: Mr. Thomas Meronek, WDNR
Mr. John Suppnick, MDEQ

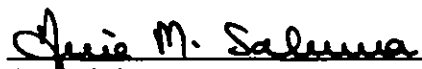
Ms. Janet Smith, USFWS
Mr. James Grant, MDEQ

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REGULATORY COMMISSION

Certificate of Service

I hereby certify that I have this day served the foregoing document upon all entities specified in the order to issue license to be consulted on matters related to the Commission filing. Service was done pursuant to Rule 2010 of FERC's Rules of Practice and Procedure 18 CFR, Section 385.2010

Dated this day Tuesday, November 05, 2002



Annie Salmona
Hydro Licensing
We Energies

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Table A
We Energies 2002 Brule Hydro Plant

Monthly Average		Degree C	Degree F
Temperature Limits	June	26.7	80
	July	28.3	83
	August	27.2	81
	Sept	23.3	74

Daily Max D.O. Limit 5.0 mg/l

Brule Tailrace - 2002 Data Summary

Month	OBS	Temperature (Degrees C)			DO % Saturation			Dissolved Oxygen		
		Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
Jun	720	18.4	23.6	15.7	84.7	95.7	76.1	7.8	8.8	6.5
Jul	744	25.8	25.8	22.5	75.8	85.9	68.9	6.3	7.2	5.6
Aug	744	21.0	24.3	19.2	77.8	86.2	65.5	6.9	7.9	5.8
Sep	720	18.0	21.8	11.9	82.9	92.4	76.5	7.9	9.7	7.0

100% Data Recovery

Brule Gauging Station - 2002 Data Summary

Month	OBS	Temperature (Degrees C)			DO % Saturation			Dissolved Oxygen		
		Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
Jun	720	18.0	26.9	10.8	93.6	106.8	83.5	8.7	10.5	6.9
Jul	744	22.3	28.8	16.8	92.3	123.1	68.7	7.9	10.6	5.7
Aug	744	19.2	24.4	14.5	88.6	112.0	72.2	8.2	10.3	6.6
Sep	720	15.3	23.3	8.4	89.6	109.8	73.8	9.1	10.9	6.8

100% Data Recovery