



Wisconsin River Power Company
owners of the Peterwell & Castle Rock Hydroelectric Plants
P.O. Box 19001
Green Bay, WI 54307-9001

December 2, 2003

FERC Project No: 1984-078

Ms. Magalie Roman Salas, Secretary
Federal Energy Regulatory Commission
Mail Code: DTCA, HL 21.3
888 First Street, N.E.
Washington, DC 20426

ORIGINAL

Dear Secretary Salas:

Exotic Species Monitoring for FERC Project No. 1984-078

As per the order approving the Purple Loosestrife and Eurasian Water Milfoil Monitoring Plan for the Peterwell - Castle Rock Project (FERC Project No. 1984-078) issued on January 22, 2003, Wisconsin River Power Company (WRPCO) is submitting the survey results for purple loosestrife and Eurasian water milfoil.

Peterwell and Castle Rock were surveyed for purple loosestrife from July 21, 2003 to July 25, 2003. The presence of purple loosestrife was identified on Peterwell, mostly on the northern end. All colonies that contained 1-5 purple loosestrife plants were cut and sprayed with an aquatic herbicide after identification. Purple loosestrife was not identified on Castle Rock. A map indicating the location and colony size of the purple loosestrife is located in Appendix A.

An Eurasian water milfoil survey was also conducted the week of July 21, 2003 to July 25, 2003. Surveys were completed at 5 different sample points where Eurasian water milfoil was identified on the water surface. The location of the sample points can be found on the maps under Appendix A. Results from the Eurasian water milfoil surveys can be found in Appendix B.

On October 23, 2003 the results of these surveys were sent to the U.S. Fish & Wildlife Service and the Wisconsin Department of Natural Resources. Documentation of submittal can be found under Appendix C (appendixes not included). At the time of this letter, neither agency has commented on the results.

If you have any questions, please do not hesitate to call Rick Moser at (920) 433-2290.

Sincerely,

David W. Harpole
Vice President - Energy Supply
for Wisconsin Public Service Corporation
Telephone: (920) 433-1264

Enc.

cc: Ms. Peggy Harding - FERC - Chicago
Mr. Bill Bloczynski, WPSC - MERH
Mr. Dennis Maki, WPSC - WES

Ms. Joan Johaneck, WPSC - D2 (file)
Mr. Bruce Crocker, WPSC - D2
Mr. Gerry Ganther - WRPCO

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OFFICE OF THE
SECRETARY
2003 DEC - 8 A 11:42
FEDERAL ENERGY
REGULATORY COMMISSION

APPENDIX A
Exotic Species Monitoring Maps

LARGE-FORMAT IMAGES

One or more large-format images (over 8 1/2" X 11") go here.
These images are available in FERRIS at:

For Large-Format(s):

Accession No.: 20031210-0171

Security/Availability:

- PUBLIC
- NIP
- CEII
- NON-PUBLIC/PRIVILEGED

File Date: 12/8/03 Docket No.: P1984-078

Parent Accession No.: 20031210-0170

Set No.: 1 of 1

Number of page(s) in set: 2

APPENDIX B
Eurasian Water Milfoil Monitoring Results

Petenwell and Castle Rock
 2003 Eurasian Milfoil Survey Results

SITE	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	>3.0 M	Origin
					(degrees north, minutes) (degrees west, minutes)
1A	1	0	1	N/A	N44N 13' 44.9"
1B	0	0	0	N/A	W89 55' 27.8"
1C	1	0	0	N/A	
2A	2	2	N/A	N/A	N44 13' 55.0"
2B	2	2	N/A	N/A	W89 54' 18.8"
2C	2	2	N/A	N/A	
3A	1	0	0	N/A	N44 15' 55.4"
3B	1	0	0	N/A	W89 53' 22.4"
3C	1	0	0	N/A	
4A	1	1	1	N/A	N44 01' 17.1"
4B	2	2	2	N/A	W90 00' 28.5"
4C	2	2	1	N/A	
5A	0	0	0	N/A	N43 59' 04.0"
5B	1	0	0	N/A	W89 58' 38.1"
5C	1	0	0	N/A	

Relative Abundance Scale: 0 = None, 1 = Low, 2 = Medium, 3 = High

All transects are approximately 36 feet in length

APPENDIX C
Documentation of Submittal



Wisconsin River Power Company

(owners of the Petenwell & Castle Rock Hydroelectric Plants)

P.O. Box 19001

Green Bay, WI 54307-9001

October 23, 2003

Ms. Janet Smith
U.S. Fish & Wildlife Service
2661 Scott Tower Dr.
New Franken, WI 54229

Dear Ms. Smith:

Exotic Species Monitoring for FERC Project No. 1984-078

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If you have any questions, please do not hesitate to call.

Sincerely,

Rick J. Moser
Environmental Consultant
Telephone: (920) 433-2290

vav

Enc.

cc: Ms. Joan Johaneck, WPSC - D2



Wisconsin River Power Company

(owners of the Petenwell & Castle Rock Hydroelectric Plants)

P.O. Box 19001

Green Bay, WI 54307-9001

October 23, 2003

Mr. Robert Martini
Department of Natural Resources
107 Sutliff Ave
Rhineland, WI 54501

Dear Mr. Martini:

Exotic Species Monitoring for FERC Project No. 1984-078

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