



STATE OF  
**MINNESOTA**  
DEPARTMENT OF NATURAL RESOURCES

500 LAFAYETTE ROAD • ST. PAUL, MINNESOTA • 55155-40\_\_\_\_\_

DNR INFORMATION  
(612) 296-6157

April 7, 1995

Jim Bodensteiner  
Sr. Plant Regulatory Analyst  
Northern States Power Company  
414 Nicollet Mall  
Minneapolis, MN 55401-1927

Dear Mr. Bodensteiner;

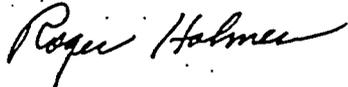
According to your discharge monitoring report for the ~~Monticello Nuclear Generating Plant~~ for the period of December 1, 1994 to January 1, 1995, fish were killed as a result of cold shock due to a shutdown for maintenance reasons. This fish kill occurred between December 16 and 19. A total of 109 fish were killed during this period which included 99 channel catfish, one silver redhorse, four smallmouth bass and five carp.

Fish were also killed at the A S King Plant when water was pumped to the cooling towers according to your discharge monitoring report dated July 21, 1994. This report acknowledged fish kills on June 2, 10, 26 and July 10. The number of fish for this period involved 1,272: freshwater drum, 45 carp, 26 channel catfish, two black bullheads, two walleye, four smallmouth buffalo and one quillback carpsucker for a total of 1352 dead fish.

Northern States Power Company, as the party responsible for the operation of the Monticello Nuclear Generating Plant and the A S King Plant and the consequent killing of fish, is liable to the State for these fish as described below. Minnesota Statutes Section 97A.025 provides that ownership of fish and wild animals is in the state in its sovereign capacity, for the benefit of all people of the state. Also, Minnesota Statutes Section 115.071, subdivision 3 requires the person(s) responsible for the destruction of fish or wildlife to forfeit and pay to the state a sum which will adequately compensate the state for any loss or destruction to wildlife, fish or other aquatic life. Monetary values are based on replacement values obtained from the American Fisheries Society (AFS) special publication #24 and the Handbook of Freshwater Fishery Biology, Volume One by K. Carlander, 1969. AFS values are per individual fish of specific lengths unless specified as per pound. Length to weight conversion tables by Carlander were used when AFS values per length were not available. We request reimbursement for the fish killed at the Monticello Nuclear Generating Plant in the amount of \$87.65 and for the fish killed at the A S King Plant in the amount of \$642.87 as described in the enclosed itemized reports for a total of \$730.52.

Your prompt remittance will be appreciated. This is not a fine or penalty but compensation for the value of the fish destroyed. Please make the check payable to the Department of Natural Resources and send it to my attention at the above address.

Sincerely,



Roger Holmes, Director  
Division of Fish and Wildlife

Attachment

c: Lee Pfannmuller, Ecological Services Section  
Marilyn Danks, Ecological Services Section

NSP Monticello Power Plant

Fish Kill Report

I received the following information from the Monticello Plant concerning a fish kill on December 16, 1994 following a controlled outage. The values listed below are based on replacement values obtained from The American Fisheries Society (AFS) special publication #24 and the Handbook of Freshwater Fishery Biology, Volume One by K. Carlander, 1969. When length ranges were given an average length was determined and values identified for that length. Monetary values were per individual fish of specific lengths unless specified as per pound. Length to weight conversion tables by Carlander were used when AFS values per length were not available.

<u>Fish species</u>	<u>Lengths</u>	<u>Number of Fish</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Channel Catfish	6-10"	82	\$0.55 ea	\$45.10
	10-15"	9	\$1.20 ea	\$10.80
	15-20"	15.2 lb(8 fish)	\$1.10/lb	\$16.72
Silver Redhorse	6"	1	\$1.00 ea	\$ 1.00
Smallmouth Bass	3-5"	3	\$1.10 ea	\$ 3.30
	10"	1	\$6.30 ea	\$ 6.30
Carp	15-20"	8.25 lb(3 fish)	\$0.27/lb	\$ 2.22
	20+"	8.2 lb(2 fish)	\$0.27/lb	<u>\$ 2.21</u>
			TOTAL	\$87.65