



**Public Service  
of New Hampshire**

AR-062

PSNH Energy Park  
780 North Commercial Street, Manchester, NH 03101

Public Service Company of New Hampshire  
P.O. Box 330  
Manchester, NH 03105-0330  
(603) 634-2236  
Fax (603) 634-2213  
macdojm@psnh.com

The Northeast Utilities System

John M. MacDonald  
Vice President - Operations

June 13, 2003

D19852

Water Technical Unit (SEW)  
U.S. Environmental Protection Agency  
Office of Environmental Stewardship  
P.O. Box 8127A  
Boston, MA 02114

Reference: NPDES Permit No. NH0001473, Schiller Station, Public Service Company of New Hampshire, issued September 11, 1990, modified May 31, 1991, modified January 24, 1995.

Dear Ms. Mason:

Schiller Station  
Monthly NPDES Discharge Monitoring Report  
May 2003

In compliance with Part I, Section C.1., of the referenced NPDES permit, Public Service Company of New Hampshire (PSNH), herein submits the monthly NPDES report for Schiller Station for the month of May. All sampling and analyses were conducted by station personnel in accordance with EPA approved procedures set forth in Standard Methods for the Examination of Water and Wastewater, APHA, 18th Edition 1992, Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1979, and the Hach Handbook of Water Analysis, 1979. There were no oily sheens, floating solids or foam observed in any of the outfall discharges in other than trace amounts. There were no permit noncompliances recorded during this month.

Generation Unit #3 has been retired. Some river water, predominantly non-contact cooling water for miscellaneous equipment, does continue to discharge through Outfall 001. The flow is much lower than for normal unit operation with little or no thermal loading or chemical addition. As such, the "no data indicator code" (NODI) "2" for operations shutdown is entered on the DMR form for the three specific parameters. Similarly, the NODI code "C" for no discharge is entered on the iron sulfate line of the DMRs for outfalls 002, 003 and 004 as the chemical is no longer being used.

PERMITTEE NAME/ADDRESS (Include Facility Name/ Location if Different)

NAME PUBLIC SERVICE OF N. H.  
ADDRESS SCHILLER STATION  
GOSLING ROAD  
PORTSMOUTH NH 03801  
FACILITY PUBLIC SERVICE OF N. H.  
LOCATION PORTSMOUTH NH 03801  
ATTN: ALLAN PALMER, SENIOR ENGINEER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

NH0001473  
PERMIT NUMBER

004 A  
DISCHARGE NUMBER

MAJOR

F - FINAL  
UNIT #6 CIRCULATING WATER  
EFFLUENT

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
03	05	01		03	05	31

\*\*\* NO DISCHARGE 1  \*\*\*  
NOTE: Read instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	( 15) DEGF DEG. F	*****	*****	82	( 15) DEGF DEG. F	0	24/01	RC
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	20.2	41.8	( 03) MGD MGD	*****	*****	*****	***** *****	0	01/01	PC
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	***** *****	*****	*****	0.09	( 19) MG/L MG/L	0	04/02	GR
TEMP. DIFF. BETWEEN INTAKE AND DISCHARGE 61576 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	***** *****	*****	*****	25	( 15) DEGF DEG. F	0	24/01	RC
FERROUS SULFATE 82064 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	***** *****	*****	*****	NODI-C	( 19) MG/L	0		
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
John M. MacDonald  
Vice President  
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*John M. MacDonald*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 603-634-2236  
DATE 03 06 16  
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
AT NO TIME SHALL THE DISCHARGE CAUSE THE RECEIVING WATER TO EXCEED A MAXIMUM TEMPERATURE OF 84 DEGREES FARENHEIT AT A DISTANCE OF 200 FEET IN ANY DIRECTION FROM THE POINT OF DISCHARGE.  
~~THE PH SHALL NOT BE LESS THAN 6.5 SU NOR GREATER THAN 8.0 SU.~~  
EPA Form 3320-1 (Rev. 3/89) Previous editions may be used. 00373/030107-1259 This is a non-form. PAGE