Public Service
of New Hampshire

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

Public Service Company of New Hampshire
P.O. Box 330
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The Northeast Utilities System

October 28, 2010

Mr. Damien Houlihan, NPDES Industrial Team Leader
U.S. Environmental Protection Agency
Region 1 – New England
Office of Ecosystem Protection
5 Post Office Square, Mail Code OEP06-4
Boston, MA 02109-3912

Re: Public Service Company of New Hampshire
Schiller Station, Portsmouth, New Hampshire
National Pollutant Discharge Elimination System Permit No. NH0001473
Response to Information Request in support of NPDES Permit Reissuance

Dear Mr. Houlihan:

On October 25, 2010, Public Service of New Hampshire submitted a monthly report prepared by Normandeau Associates, Inc. which summarizes river temperature data collected from the Schiller Station thermal plume study for the period of September 15 through October 14, 2010. As promised in the cover letter, the tables containing station operational data for the three Schiller Station generating units as required by EPA are enclosed. All of the information is provided to support the renewal of NPDES Permit No. NH0001473 for Schiller Station.

The final monthly report covering the period of October 15 through November 14 will be provided no later than November 30, 2010. Please contact me if you have any questions.

Very truly yours,

Allan G. Palmer
Senior Engineer

Public Service of New Hampshire

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UNIT 4

DATE	FLOW (MGD)	OUTPUT (MW-h)	MAXIMUM TEMP IN	AVERAGE TEMP OUT	MAXIMUM TEMP OUT
SEPT 15	40.8	468.0	62.6	69.1	76.1
SEPT 16	40.8	477.8	62.6	68.9	75.8
SEPT 17	40.8	488.2	62.6	69.1	75.8
SEPT 18	40.8	238.6	62.7	65.1	75.8
SEPT 19	40.8	0.0	-	-	-
SEPT 20	40.8	0.0	-	-	-
SEPT 21	40.8	0.0	-	-	-
SEPT 22	40.8	882.5	63.5	76.8	82.0
SEPT 23	40.8	910.7	63.9	76.8	82.0
SEPT 24	40.8	924.8	64.0	76.8	82.0
SEPT 25	40.8	936.2	63.7	77.0	82.6
SEPT 26	40.8	874.2	63.6	75.2	82.1
SEPT 27	40.8	930.6	63.6	76.6	82.3
SEPT 28	40.8	936.3	63.2	77.2	82.4
SEPT 29	40.8	942.9	63.3	77.4	81.7
SEPT 30	40.8	940.5	63.4	77.6	81.5
OCT 1	40.8	925.1	63.4	77.8	82.1
OCT 2	40.8	908.9	64.3	77.7	83.1
OCT 3	40.8	926.0	63.9	77.3	81.9
OCT 4	40.8	868.3	62.2	75.8	81.1
OCT 5	40.8	921.0	61.9	76.4	81.1
OCT 6	40.8	887.0	61.6	75.7	80.5
OCT 7	40.8	908.0	60.7	75.7	79.8
OCT 8	40.8	891.9	60.6	75.4	80.0
OCT 9	40.8	208.7	60.6	64.0	68.1
OCT 10	40.8	636.7	59.6	70.7	73.3
OCT 11	40.8	678.3	59.1	70.7	72.9
OCT 12	40.8	689.7	58.4	70.5	72.6
OCT 13	40.8	696.5	58.4	70.5	72.6
OCT 14	40.8	677.2	58.4	69.9	71.6

UNIT 5

DATE	FLOW (MGD)	OUTPUT (MW-h)	MAXIMUM TEMP IN	AVERAGE TEMP OUT	MAXIMUM TEMP OUT
SEPT 15	41.8	1019.0	62.6	80.9	83.4
SEPT 16	41.8	1020.0	62.3	80.6	83.0
SEPT 17	41.8	1014.6	62.5	80.6	83.0
SEPT 18	41.8	1021.0	64.5	80.8	83.1
SEPT 19	41.8	1017.6	62.8	81.0	83.2
SEPT 20	41.8	1017.5	62.9	81.0	83.0
SEPT 21	41.8	1018.9	62.6	81.0	82.7
SEPT 22	41.8	1020.3	63.5	81.6	84.0
SEPT 23	41.8	1017.9	63.5	81.1	83.8
SEPT 24	41.8	1022.5	63.6	80.9	83.8
SEPT 25	41.8	754.1	63.6	75.5	83.4
SEPT 26	12.8	0.0	-	-	-
SEPT 27	0.0	0.0	-	-	-
SEPT 28	0.0	0.0	-	-	-
SEPT 29	0.0	0.0	-	-	-
SEPT 30	0.0	0.0	-	-	-
OCT 1	13.9	0.0	-	-	-
OCT 2	41.8	937.0	64.0	78.4	82.6
OCT 3	41.8	1023.9	63.4	79.4	82.2
OCT 4	41.8	993.7	62.0	78.5	80.9
OCT 5	41.8	1030.0	61.5	78.8	80.7
OCT 6	41.8	1029.0	60.9	78.6	80.1
OCT 7	41.8	1018.5	60.5	78.3	79.9
OCT 8	41.8	1015.1	60.5	78.3	80.0
OCT 9	41.8	1024.0	60.0	78.3	79.8
OCT 10	41.8	1022.2	59.0	77.4	78.9
OCT 11	41.8	1024.3	58.6	76.7	78.1
OCT 12	41.8	1010.1	58.2	76.2	77.7
OCT 13	41.8	1003.7	58.1	76.1	77.5
OCT 14	41.8	1021.9	58.0	76.1	77.5

UNIT 6

DATE	FLOW (MGD)	OUTPUT (MW-h)	MAXIMUM TEMP IN	AVERAGE TEMP OUT	MAXIMUM TEMP OUT
SEPT 15	41.8	686.2	62.3	73.5	75.7
SEPT 16	41.8	678.7	62.0	73.3	75.5
SEPT 17	41.8	688.8	61.9	73.5	75.7
SEPT 18	41.8	694.5	62.2	73.8	76.1
SEPT 19	41.8	732.0	62.7	74.8	81.1
SEPT 20	41.8	618.6	62.6	73.1	75.2
SEPT 21	41.8	627.0	62.2	73.2	74.7
SEPT 22	41.8	882.8	62.9	77.3	82.2
SEPT 23	41.8	892.4	63.0	77.3	82.7
SEPT 24	41.8	928.3	63.1	77.5	82.7
SEPT 25	41.8	919.6	63.3	77.4	83.0
SEPT 26	41.8	831.4	63.4	74.9	83.0
SEPT 27	41.8	937.3	63.1	77.1	82.0
SEPT 28	41.8	934.6	63.1	77.6	82.4
SEPT 29	41.8	897.8	62.9	77.2	81.9
SEPT 30	41.8	944.7	62.6	77.9	81.7
OCT 1	41.8	943.9	63.0	78.1	82.1
OCT 2	41.8	885.8	63.3	77.4	82.1
OCT 3	41.8	926.5	63.1	77.3	81.5
OCT 4	41.8	876.5	61.6	75.8	80.7
OCT 5	41.8	912.0	61.0	76.4	80.4
OCT 6	41.8	853.0	61.0	75.3	79.4
OCT 7	41.8	887.0	60.1	75.3	78.9
OCT 8	41.8	837.7	60.0	74.6	78.0
OCT 9	41.8	644.7	59.8	71.4	72.6
OCT 10	41.8	8.1	59.0	58.5	62.4
OCT 11	20.9	0.0	-	-	-
OCT 12	20.9	0.0	-	-	-
OCT 13	20.9	0.0	-	-	-
OCT 14	20.9	0.0	-	-	-