



Public Service®

16805 WCR 19 1/2; Platteville, Colorado 80651

Public Service
Company of Colorado
P.O. Box 840
Denver, CO 80201-0840

April 13, 1994
Fort St. Vrain
Unit No. 1
P-94039

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Attention: Mr. John H. Austin, Chief
Decommissioning and Regulatory
Issues Branch

Docket No. 50-267

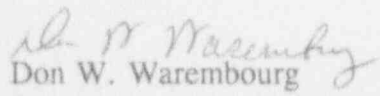
SUBJECT: NPDES Permit Non-Compliance Report

Dear Mr. Austin:

Attached for your information is a non-compliance report related to the Fort St. Vrain (FSV) National Pollutant Discharge Elimination System (NPDES) Permit. This information is provided in accordance with the FSV Non-Radiological Technical Specifications, Section 3.2.a of Appendix B to Facility Operating License No. DPR-34.

If you have any questions regarding this information, please contact Mr. M. H. Holmes at (303) 620-1701.

Sincerely,


Don W. Warembourg
Decommissioning Program Director

DWW/SWC

Attachment

cc: Regional Administrator, Region IV

Mr. Robert M. Quillin, Director
Radiation Control Division
Colorado Department of Health

9404210266 940406
PLR ADDCK 05000267
S PDR

NK10



Public Service®

Public Service
Company of Colorado
P.O. Box 840
Denver, CO 80201-0840

April 8, 1994

Ms. Kathy Kalamen
Industrial Enforcement Engineer
Permits and Enforcement Section
Water Quality Control Division
Colorado Department of Health
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

RE: Public Service Company of Colorado - Fort St. Vrain Station CDPS Permit No.
CO-0001121

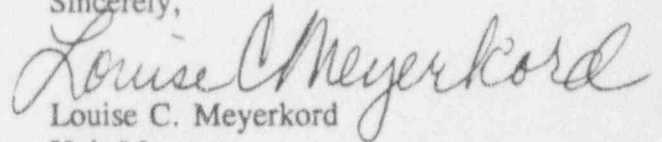
Dear Kathy:

Enclosed please find a non-compliance report for the Public Service Company of Colorado Fort St. Vrain (FSV) Station. The non-compliance report details the pH exceedances reported to you on April 5 and 6, 1994.

As discussed with Mr. Don Holmer of the Water Quality Control Division, it appears that the factors affecting the pH of the raw water ponds are biological in origin, as the pH is similarly affected in the farmpond and has been affected previously in the raw water ponds during June 1993. Therefore, PSC requests that the FSV wastewater discharge permit be amended to address these biological effects by including the raw water ponds (and therefore outfall 001B) in the provisions established under Amendment #2. That is, please modify the maximum pH limitation for this outfall as well as at the farmpond (outfall 001A) during the course of the biological/chemical study, which can be expanded to include the raw water ponds. The maximum farmpond pH limitation in effect through September 30, 1994 is 11.0 s.u. At that time, the information gathered during the study will be utilized for both outfalls to establish the maximum pH limitations for these effluents.

If you have any questions regarding this report, please feel free to contact me at 294-2814.

Sincerely,



Louise C. Meyerkord
Unit Manager
Environmental Programs

Attachment

cc: U.S.EPA, Region VIII
Pat Nelson
Don Warembourg
Dave Feiterolf
Mike Niehoff
Glen Reigel
Steve Miller
Dael Clarkson

Don Holmer
George Vonesh
Mike Holmes
Terry Staley
Jesse Brungardt
Ken Shafer
Becky Sheridan

NPDES DISCHARGE PERMIT NONCOMPLIANCE REPORTING FORM

Date: 4/6/94

Applicable Permit No.: CO-0001121

Discharge No.: 001B

I. GENERAL

Company: Public Service Company of Colorado

Mailing Address: P.O. Box 840 Denver, CO 80201

Plant Name: Fort St. Vrain Station

Plant Location: Near Platteville, Colorado

County: Weld

II. NONCOMPLIANCE REPORT

A. Description and Cause of Noncompliance: A sample collected at discharge point 001B at 5:40 pm on 4/4/94 showed a pH of 9.12 s.u. (Noncompliance period 1) A sample collected at discharge point 001B at 12:00 pm on 4/5/94 showed a pH of 9.15 s.u. (Noncompliance period 2) The cause of the elevated pH is believed to be related to algal activity in the raw water make-up ponds, as was similarly experienced on 6/4/93 and in the FSV farmpond, which is the subject of a biological/chemical study to define the factors influencing pH in the pond. pH of the east pond is 9.12 s.u. and of the west pond is 9.6-9.7 s.u. The west pond has been isolated and not utilized for the past week and one-half due to the high pH.

B. Noncompliance Period 1:

Started: _____ A.M. 5:40 P.M. 4/4/94 Date _____
Ended: _____ 12:00 A.M. _____ P.M. 4/5/94 Date _____

Noncompliance Period 2:

Started: _____ A.M. 12:00 P.M. 4/5/94 Date _____
Ended: _____ A.M. 4:00 P.M. 4/5/94 Date _____

C. Action Taken to Reduce, Eliminate, Prevent: Additional sampling was performed prior to and upon discovery of the elevating pH levels. Since it appears that the pH elevation is due to biological activity in the raw water ponds, additional make-up water has been and is being added to the ponds to lower the pH in the ponds by neutralization and causing turnover of the pond. The pH was back into compliance at 12:30 am 4/5/94, when the pH was measured at 9.00 s.u. (Noncompliance period 1) The pH was back into compliance at 4:00 pm 4/5/94, when the pH was measured at 9.00 s.u. (Noncompliance period 2)

D. Person Initiating Report: Louise Meyerkord

Signature: *Louise Meyerkord*

E. Water Quality Control Division Notification Requirements:

Telephone (24 hrs.): 4/5/94 Date Ms. Kathy Kalamen Notified 1:50 p.m.
4/6/94 Date Ms. Kathy Kalamen Notified 12:40 p.m.
Written (5 days): 4/6/94 Date Ms. Kathy Kalamen Notified _____

SUBMIT REPORT TO:

Ms. Kathy Kalamen
Colorado Department of Health
Water Quality Control Division
Monitoring & Enforcement Section
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Regional Administrator
U.S. EPA
One Denver Place, Suite 500
999 18th Street 8WM-C
Denver, CO 80202-2405
Attn.: Enforcement - Permit Program

In the event of non-compliance for the FSV Station, a verbal report must be made to the Nuclear Regulatory Commission by the FSV shift supervisor (620-1090) within four hours after verbally notifying the Water Quality Control Division. Dave Fetterolf notified the FSV shift supervisor at 1:30 p.m. on 4/5/94 regarding the first period of noncompliance; the FSV shift supervisor was notified at 12:50 pm on 4/6/94 regarding the second period of noncompliance.