

September 14, 2009
L-09-237

Department of Environmental Protection
Bureau of Water Quality Management
Attention: DMR Clerk
400 Waterfront Drive
Pittsburgh, PA 15222

SUBJECT:
Beaver Valley Power Station Discharge Monitoring Report (NPDES) Permit No. PA0025615
Clamicide Report

Enclosed is the summary of the first of three clamicide reports for FirstEnergy Nuclear Operating Company (FENOC), Beaver Valley Power Station, in accordance with the requirements of the Permit for the control of Asian clams and Zebra mussels.

Parameter	Unit 1 A Train	Unit 1 B Train	Unit 2 A Train	Unit 2 B Train
Date	05-28-09 – 05-29-09	06-18-09 – 06-19-09	06-02-09 – 06-03-09	06-09-09 – 06-10-09
Chemical Used ¹	1025 pounds ³	512 pounds ³	1025 pounds ³	769 pounds ³
Outfall 001 Concentration	<0.1 mg/L	<0.1 mg/L	<0.1 mg/L	< 0.1 mg/L
Outfall 010 Concentration	N/A ⁴	N/A ⁴	<0.1 mg/L	<0.1 mg/L
Detox Used ²	1171 pounds	1271 pounds	1543 pounds	1543 pounds
Outfall 001 Concentration ³	4.1 mg/L	4.6 mg/L	4.7 mg/L	4.6 mg/L
Outfall 010 Concentration ³	N/A ⁴	N/A ⁴	10.3 mg/L	8.8 mg/L

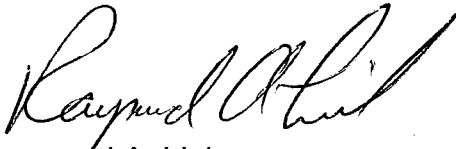
1. The chemical used is NALCO H150M; LIMITS: 7,000 pounds per day and No Detectable amount at Outfalls 001 and 010.
2. The Bentonite Based Detoxifying Agent is NALCO 1315 in the form of a dry agent and a slurry mixture; LIMITS: 21,000 pounds per day and ≤ 35 mg/l at Outfalls 001 and 010
3. Dry-weight equivalent
4. Outfall does not receive wastewater from the target system

IE25
NRR

Beaver Valley Power Station, Unit Nos. 1 and 2
L-09-237
Page 2

Should you have any questions regarding the enclosed information, please direct them to Mr. Michael Banko at 724-682-4117.

Sincerely,

A handwritten signature in black ink, appearing to read "Raymond A. Lieb". The signature is fluid and cursive, with a large initial "R" and a long, sweeping underline.

Raymond A. Lieb
Director, Site Operations

cc: Document Control Desk US NRC (*NOTE: No new US NRC commitments are contained in this letter.*)
US Environmental Protection Agency