

**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

April 21, 2011

Re: Pike County
Fluor B&W Portsmouth LLC
Compliance Evaluation Inspection
OIO00000
Correspondence (IWW)

Mr. Jamie Jameson, Program Manager
Fluor B&W Portsmouth LLC
P.O. Box 584
Piketon, Ohio 45661

Dear Mr. Jameson:

On April 12, 2011, a Compliance Evaluation Inspection (CEI) was conducted of Fluor B&W's operations at the Portsmouth Gaseous Diffusion Plant. The purpose of the inspection was to determine Fluor B&W's compliance with its National Pollutant Discharge Elimination System (NPDES) Permit. Present for the inspection were: Frank Johnston, Rosemary Richmond, Daniel Mains, Rob Lyon, Jim Thomson and Greg Thompson representing Fluor B&W; Gary Carill representing RSI; and Stephen Wells representing Ohio EPA, Division of Surface Water, Southeast District Office. A copy of my inspection report is attached. No wastewater samples were collected as part of the inspection.

1. On March 29, 2011, Lata Parallax transferred the NPDES Permit to Fluor B&W Portsmouth.
2. The X-622, X-623, X-624 and X-627 Ground Water Treatment Systems were inspected. All of the treatment systems appeared to be operating properly.
3. The X-627 system is equipped with a plate and frame filter press. Ohio EPA has no objection if solids from the other ground water treatment systems are processed through the plate and frame press at X-627.
4. With the treatment of X-701 plume, sulfates are a possible concern for the discharge from the X-624 Ground Water Treatment System. Fluor B&W and Ohio EPA will need to have further discussions on the discharge of sulfates if they are found in the discharge of X-624. Fluor B&W may want to start a monitoring program at the influent of the X-624 based on past knowledge of the ground water flow in the area.

5. After the completion of the X-701B Project, the X-623 may be taken out of service for maintenance and cleaning. Fluor B&W needs to notify Ohio EPA when this work will be completed, if it occurs.
6. Based on the projected outfalls to be transferred to Fluor B&W from United States Enrichment Corporation (USEC), Fluor B&W will be considered a "major" discharger by Ohio EPA. Fluor B&W will need to plan on completing a DMR-QA Study for its NPDES Permit parameters starting in 2011 or 2012.

The Ohio EPA strongly encourages pollution prevention as the preferred approach for waste management. The first priority of pollution prevention is to eliminate the generation of wastes and pollutants at the source (source reduction). For those wastes or pollutants that are generated, the second priority is to recycle or reuse them in an environmentally sound manner. You can benefit economically, help preserve the environment, and improve your public image by implementing pollution prevention programs. For more information about pollution prevention, including fact sheets or U.S. EPA's "Facility Pollution Prevention Guide" (EPA/600/R-92.008), please contact the Ohio EPA Pollution Prevention Section at (614) 644-3469.

In conclusion, Fluor B&W Portsmouth appeared to be in compliance with its NPDES Permit at the time of the inspection.

No response is requested to the comments above. If you have any questions, feel free to contact me at (740) 380-5434.

Sincerely,



Stephen Wells
District Representative
Division of Surface Water

SW/dh

Enclosure

c: Frank Johnston, Fluor B&W Portsmouth
c: Rosemary Richmond, Fluor B&W Portsmouth

NPDES Compliance Inspection Report

A. NATIONAL DATA SYSTEM CODING

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
01O00000*JD	OH0029432	April 12, 2011	C	S	2

B. FACILITY DATA

Name & Location of Facility Inspected	Entry Time	Permit Effective Date
Fluor B&W Portsmouth LLC Portsmouth Gaseous Diffusion Plant 3930 U.S. 23, South Piketon, Ohio 45661	10:00 a.m.	May 1, 2008
	Exit Time	Permit Expiration Date
	12:30 p.m.	April 30, 2013

Name(s) & Title(s) of On-Site Representative(s)	Phone Number(s)
Frank Johnston, Environmental Protection Manager Rosemary Richmond, Environmental Protection Deputy Manager	(740) 897-2967
Name, Address, & Title of Responsible Official	Phone Number
Jamie Jameson, Program Manager. Fluor B&W Portsmouth LLC P.O. Box 584 Piketon, Ohio 45661	(740) 897-3860

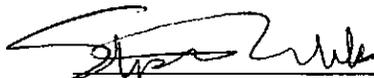
C. AREAS EVALUATED DURING INSPECTION

<u>S</u> Permit	<u>S</u> Flow Measurement	<u>N/A</u> Pretreatment
<u>S</u> Records/Reports	<u>S</u> Laboratory	<u>N/A</u> Compliance Schedules
<u>S</u> Operations & Maintenance	<u>S</u> Effluent/Receiving Waters	<u>S</u> Self-Monitoring Program
<u>S</u> Facility Site Review	<u>N/A</u> Sludge Storage/Disposal	<u>--</u> Other
<u>N/A</u> Collection System		

(S = Satisfactory; M = Marginal; U = Unsatisfactory; N = Not Evaluated; N/A = Not Applicable)

D. SUMMARY OF FINDINGS/COMMENTS (attach additional sheets if necessary)

See attached letter.



 Stephen Wells, Inspector, Ohio EPA, Southeast District Office

4/21/11

 Date



 Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

4/22/11

 Date