

**Environmental  
Protection Agency**

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

January 25, 2011

**Re:** Pike County  
Uranium Disposition Services  
Compliance Evaluation Inspection  
Correspondence (IWW)

Mr. Paul Kreitz, Plant Manager  
Uranium Disposition Services, LLC  
3930 U.S. Route 23 South  
P.O. Box 490  
Piketon, Ohio 45661

Dear Mr. Kreitz:

On November 15, 2010, a Compliance Evaluation Inspection was conducted at Uranium Disposition Services' (UDS) operations at the Portsmouth Gaseous Diffusion Plant. The purpose of the inspection was to determine UDS's compliance with its National Pollutant Discharge Elimination System (NPDES) Permit. No wastewater samples were collected as part of the inspection. A copy of my inspection report is attached.

As a result of my inspection, I have the following comments:

1. UDS had a problem with the nitrogen system at the beginning of start-up of the process. UDS is currently working on correcting this problem and start-up the process in the near future.
2. UDS has reported NPDES Permit effluent violations at Outfall 001 due to storm water runoff volume not being estimated correctly in the flow estimates in the original NPDES Permit Application. UDS is considering a number of options for the discharge from the facility. Some discussions have been with Ohio EPA but no decision has been made at this time on the direction that UDS will pursue.
3. UDS has replaced the de-ionization water treatment system with a portable treatment unit. The original de-ionization system is being left in place at this time. A decision on the removing this system from the building will be made at a later date.
4. An inspection of the cylinder yards was also conducted. The storm water runoff from the cylinder yards is monitored as per the requirements of other State/Federal Orders. No problems were noted in regards NPDES Permit compliance in the cylinder yards.

In conclusion, Uranium Disposition Service, LLC appeared to be in compliance with its NPDES Permit at the time of the inspection.

No response is requested to any of the above comments.

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: Pete Burban, Site Lead for DOE  
c: Barry Ko, UDS  
c: Melody Stewart, DHWM, SEDO

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
0IS00034*AD	OH0125241	November 15, 2010	C	S	2

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
Uranium Disposition Services, LLC Portsmouth Gaseous Diffusion Plant 3930 US 23, South Piketon, Ohio 45661	10:00 a.m.	June 1, 2007
	Exit Time	Permit Expiration Date
	12:30 p.m.	May 31, 2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Barry Ko, CIH Environmental Specialist	(740) 289-5413
Name, Address and Title of Responsible Official	Phone Number
Paul Kreitz, Plant Manager Uranium Disposition Services, LLC P.O. Box 490 Piketon, Ohio 45661	(740) 289-5441

**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)

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

See attached letter.

  
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Stephen Wells, Inspector, Ohio EPA, Southeast District Office

1/26/11  
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Date

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

1/26/11  
\_\_\_\_\_  
Date