



## Department of Energy

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received  
4/23/05  
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APR 19 2005

Mr. Bruce Scott  
Kentucky Department for Environmental Protection  
Division of Waste Management  
14 Reilly Road, Building 5  
Frankfort, Kentucky 40601

PPPO-02-230-05

Mr. David G. Williams  
U.S. Environmental Protection Agency  
Region 4  
DOE Remedial Section  
Federal Facilities Branch  
Waste Management Division  
61 Forsyth Street  
Atlanta, Georgia 30303

Dear Mr. Scott and Mr. Williams:

### **SUBMITTAL OF THE OPERATION AND MAINTENANCE PLAN FOR SECTIONS 1 AND 2 OF THE NORTH-SOUTH DIVERSION DITCH AT THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY DOE/OR/07-2057&D2**

*The Operation and Maintenance Plan for Sections 1 and 2 of the North-South Diversion Ditch at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/OR/07-2057&D2, February 2005, is enclosed for your review and approval. This Operation and Maintenance (O&M) Plan addresses the O&M requirements for Sections 1 and 2 of the North-South Diversion Ditch (NSDD) following completion of interim remedial action as described in the Record of Decision for Interim Remedial Action at the North-South Diversion Ditch at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/OR/07-1948&D2, August 2002.*

The enclosed D2 O&M Plan supercedes NSDD O&M requirements detailed in two previously approved documents. The titles of these two documents and a summary of the NSDD O&M requirements contained in each are provided below.

- *Operation and Maintenance Plan for the Surface Water Operable Unit at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/OR/07-1904&D1, September 2000.*

Chapter 5 of this document specified the O&M requirements for the entire NSDD pursuant to an interim action implemented in 1994. Further information on the 1994 interim action and associated O&M activities is available in the *Interim Measures Report and Operation and Maintenance Plan for the North-South Diversion Ditch Interim Corrective Measures at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/OR/07-1425&D1, 1995.*

I-04816-0142



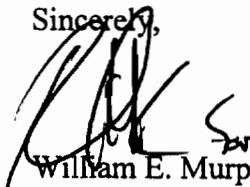
- *Operation and Maintenance Plan for Sections 1 and 2 of the North-South Diversion Ditch at the Paducah Gaseous Diffusion Plant, Paducah, Kentucky, DOE/OR/07-2057&D1, March 2003.*

The D1 O&M Plan for Sections 1 and 2 of the NSDD specified the O&M activities to be performed during the implementation of the interim remedial action for NSDD Sections 1 and 2 described in the 2002 Record of Decision referenced above. This document was approved by the Environmental Protection Agency in April 2003 and by the Kentucky Department for Environmental Protection in June 2003.

When remediation of the entire SWOU is completed, the O&M Plan for Sections 1 and 2 of the NSDD will be reincorporated in the overall O&M Plan for the SWOU.

If you have any questions or require additional information, please call David Dollins at (270) 441-6819.

Sincerely,



William E. Murphie  
Manager

Portsmouth/Paducah Project Office

Enclosure

cc w/out enclosure:

G. Bazzell, PPPO/Paducah

R. Blumenfeld, PPPO/Lexington

L. Fleming, BJC/Kevil

D. Guyan, BJC/Kevil

C. Jones, BJC/Kevil

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