



Department of Energy
Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
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December 17, 2020

Mr. Brian Begley
Federal Facility Agreement Manager
Division of Waste Management
Kentucky Department for Environmental Protection
300 Sower Boulevard, 2nd Floor
Frankfort, Kentucky 40601

PPPO-02-10009010-21

Mr. Victor Weeks
Federal Facility Agreement Manager
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street
Atlanta, Georgia 30303

Dear Mr. Begley and Mr. Weeks:

TRANSMITTAL OF THE PADUCAH GASEOUS DIFFUSION PLANT INDUSTRIAL AREA VAPOR INTRUSION PRELIMINARY INVESTIGATION WORK PLAN FOR THE PADUCAH GASEOUS DIFFUSION PLANT, PADUCAH, KENTUCKY, DOE/LX/07-2447&D2/R1

References:

1. E-mail from V. Weeks to S. Fountain, "RE: For review: DRAFT VI Work Plan Page Changes," dated December 3, 2020
2. E-mail from S. Fountain to B. Begley, V. Weeks, et al., "For review: DRAFT VI Work Plan Page Changes," dated December 3, 2020
3. Letter from B. Begley to T. Duncan, "RE: Approval of the Paducah Gaseous Diffusion Plant Industrial Area Vapor Intrusion Preliminary Investigation Work Plan (DOE/LX/07-2447&D2) Paducah Site, Paducah, McCracken County, Kentucky #KY8-890-008-982," dated September 14, 2020
4. Letter from V. Weeks to T. Duncan, "Re: U.S. Environmental Protection Agency Acknowledgement of Receipt and Review for the D2 Paducah Gaseous Diffusion Plant Industrial Area Vapor Intrusion Preliminary Investigation Work Plan, DOE/LX/07-2447&D2, transmittal date of September 8, 2020," dated September 10, 2020

Please find enclosed the *Paducah Gaseous Diffusion Plant Industrial Area Vapor Intrusion Preliminary Investigation Work Plan for the Paducah Gaseous Diffusion Plant, Paducah, Kentucky*, DOE/LX/07-2447&D2/R1 (VI Work Plan). The Federal Facility Agreement (FFA) parties previously agreed to update the approved D2 VI Work Plan once an analytical laboratory was contracted to support the remedial investigation. This version of the VI Work Plan includes

the required update to Appendix E, Quality Assurance Project Plan, which reflects the laboratory-related information associated with the contracted analytical laboratory. In addition to the updates related to the contracted laboratory, the VI Work Plan also was updated to reflect the final number of samples to be collected at each facility (Table 5), and sample location adjustments made during the fieldwork kickoff walkdown (Figures D-1, D-7, D-16, and D-18). Additionally, updates were made to Worksheets #4, #7, and #8; Worksheets #3 and #5; and Worksheet #6 to reflect recent Four Rivers Nuclear Partnership, LLC, personnel changes (Environmental Stewardship Manager and Health, Safety, Support, and Quality Director).

The U.S. Department of Energy (DOE) provided the Kentucky Department for Environmental Protection (KDEP) and the U.S. Environmental Protection Agency (EPA) a draft copy of the updated VI Work Plan pages changes via e-mail on December 3, 2020, to facilitate any tri-party discussions that may have needed to occur prior to the official transmittal of the D2/R1 VI Work Plan. KDEP and EPA concurred with the updates via e-mail on December 10, 2020.

DOE appreciates the FFA parties' verbal acceptance of the updated VI Work Plan updates and looks forward to KDEP's and EPA's formal acceptance of the enclosed D2/R1 VI Work Plan. Clean and redline page changes also are enclosed for your convenience.

If you have any questions or require additional information, please contact Rich Bonczek at (859) 219-4051.

Sincerely,

Tracey Duncan
Federal Facility Agreement Manager
Portsmouth/Paducah Project Office

Enclosures:

1. Paducah Gaseous Diffusion Plant Industrial Area Vapor Intrusion Preliminary Investigation Work Plan, DOE/LX/07-2447&D2/R1– Clean
2. Page changes for the Paducah Gaseous Diffusion Plant Industrial Area Vapor Intrusion Preliminary Investigation Work Plan, DOE/LX/07-2447&D2/R1 – Clean
3. Page changes for the Paducah Gaseous Diffusion Plant Industrial Area Vapor Intrusion Preliminary Investigation Work Plan, DOE/LX/07-2447&D2/R1 – Redline

Administrative Record File— ARF ARR and GWARC

cc w/enclosures:

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