



Mission Conversion Services Alliance
1010 Monarch Street, Suite 300
Lexington, Kentucky 40513

January 27, 2026

OSMS-MCSA-26-00119

Ms. Michelle McCloskey
Permit Support Supervisor
300 Sower Blvd 2nd Floor
Frankfort, KY 40601

Prime Contract No. 89303325DEM000122, Portsmouth Paducah Project Office/Operations and Site Mission Support: Air Permit Renewal Application for Depleted Uranium Hexafluoride Conversion Facility, Permit Number F-21-018 R3, Agency Interest Number 49944, Source Identification Number 21-145-0091

Dear Ms. McCloskey:

Please find attached the Air Permit Renewal Application for the Mission Conversion Services Alliance (MCSA) Depleted Uranium Hexafluoride (DUF6) facility in Paducah, Kentucky. The current permit will expire on July 27, 2026. This application seeks to renew the permit while maintaining all parameters with Permit Number F-21-018 R3.

If you have any questions, please contact Steve Skeens, Portsmouth Lead Environment, Safety, & Health Manager, at (740) 289-5602 or me at (803) 645-4947.

Sincerely,

ADAM GOLDBERG
(Affiliate)

Digitally signed by ADAM GOLDBERG
(Affiliate)
Date: 2026.01.27 12:36:57 -05'00'

For Dutch Conrad
President and Program Manager
Mission Conversion Services Alliance, LLC

Attachment: DEP7007AI Form – Administrative Information

cc/att: abigail.parish@pppo.gov, PPPO
adam.goldberg@duf6.pppo.gov, MCSA
april.ladd@pppo.gov, PPPO
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MCSA Project File

DEP7007AI

Additional Documentation

Administrative Information

- ___ Section AI.1: Source Information
- ___ Section AI.2: Applicant Information
- ___ Section AI.3: Owner Information
- ___ Section AI.4: Type of Application
- ___ Section AI.5: Other Required Information
- ___ Section AI.6: Signature Block
- ___ Section AI.7: Notes, Comments, and Explanations

___ Additional Documentation attached

Division for Air Quality

300 Sower Boulevard
 Frankfort, KY 40601
 (502) 564-3999

Source Name: Mission Conversion Services Alliance - Depleted Uranium Hexafluoride Conversion Facility

KY EIS (AFS) #: 21- 145-00091

Permit #: F-21-018 R3

Agency Interest (AI) ID: 49944

Date: 1/9/2026

Section AI.1: Source Information

Physical Location Address: Street: 5509 Hobbs Road
 City: Kevil County: McCracken Zip Code: 42053

Mailing Address: Street or P.O. Box: 1010 Monarch Street, Suite 300
 City: Lexington State: KY Zip Code: 40513

Standard Coordinates for Source Physical Location

Longitude: -88.8235833 (decimal degrees) **Latitude:** 37.0922778 (decimal degrees)

Primary (NAICS) Category: Other Basic Inorganic Chemical Manufacturing **Primary NAICS #:** 32518

Classification (SIC) Category:	Industrial Inorganic Manufacturing			Primary SIC #:	2819
Briefly discuss the type of business conducted at this site:	Four Parallel process lines are used to convert depleted uranium hexafluoride (DUF6), currently stored in cylinders by DOE, to uranium oxide powder, aqueous hydrogen fluoride (HF), and calcium fluoride (CaF2).				
Description of Area Surrounding Source:	<input type="checkbox"/> Rural Area	<input type="checkbox"/> Industrial Park	<input type="checkbox"/> Residential Area	<input checked="" type="checkbox"/> Yes	Number of Employees:
	<input type="checkbox"/> Urban Area	<input checked="" type="checkbox"/> Industrial Area	<input type="checkbox"/> Commercial Area	<input type="checkbox"/> No	225
Approximate distance to nearest residence or commercial property:	.5 miles		Property Area:	8.23 acres	Is this source portable? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?					
NPDES/KPDES:	<input checked="" type="checkbox"/> Currently Hold	<input type="checkbox"/> Need	<input type="checkbox"/> N/A		
Solid Waste:	<input checked="" type="checkbox"/> Currently Hold	<input type="checkbox"/> Need	<input type="checkbox"/> N/A		
RCRA:	<input checked="" type="checkbox"/> Currently Hold	<input type="checkbox"/> Need	<input type="checkbox"/> N/A		
UST:	<input type="checkbox"/> Currently Hold	<input type="checkbox"/> Need	<input checked="" type="checkbox"/> N/A		
Type of Regulated Waste Activity:	<input checked="" type="checkbox"/> Mixed Waste Generator	<input checked="" type="checkbox"/> Generator	<input type="checkbox"/> Recycler	<input type="checkbox"/> Other: _____	
	<input type="checkbox"/> U.S. Importer of Hazardous Waste	<input type="checkbox"/> Transporter	<input type="checkbox"/> Treatment/Storage/Disposal Facility	<input type="checkbox"/> N/A	

Section A1.2: Applicant Information**Applicant Name:** Marc "Dutch" Conrad**Title:** (if individual) President and Program Manager**Mailing Address:** 1010 Monarch Street, Suite 300**City:** Lexington **State:** Kentucky **Zip Code:** 40513**Email:** (if individual) marc.conrad@duf6.pppo.gov**Phone:** 859-685-9272**Technical Contact****Name:** Stephen Skeens**Title:** ES&H Manager**Mailing Address:** 3930 US Route 23 South**City:** Piketon **State:** Ohio **Zip Code:** 45661**Email:** stephen.skeens@duf6.pppo.gov**Phone:** 740-289-5602**Air Permit Contact for Source****Name:** Courtney Woods**Title:** ESH/Emergency Management Specialist**Mailing Address:** 5509 Hobbs Road**City:** Kevil **State:** KY **Zip Code:** 42053**Email:** courtney.woods@duf6.pppo.gov**Phone:** 270-709-1104

Section AI.3: Owner Information

Owner same as applicant

Name: US Department of Energy

Title: Portsmouth/Paducah Project Office

Mailing Address: Street or P.O. Box: 1017 Majestic Drive, Suite 200

City: Lexington **State:** Kentucky **Zip Code:** 40513

Email: joel.bradburne@ppppo.gov

Phone: 859-219-4001

List names of owners and officers of the company who have an interest in the company of 5% or more.

Name	Position
Not Applicable - Federal Facility	

Section A1.4: Type of Application

Current Status: Title V Conditional Major State-Origin General Permit Registration None

Name Change Initial Registration Significant Revision Administrative Permit Amendment

Renewal Permit Revised Registration Minor Revision Initial Source-wide Operating Permit

502(b)(10)Change Extension Request Addition of New Facility Portable Plant Relocation Notice

Revision Off Permit Change Landfill Alternate Compliance Submittal Modification of Existing Facilities

Ownership Change Closure

Requested Status: Title V Conditional Major State-Origin PSD NSR Other: _____

Is the source requesting a limitation of potential emissions?

Pollutant:	Requested Limit:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Pollutant:	Requested Limit:
<input type="checkbox"/> Particulate Matter	_____			<input type="checkbox"/> Single HAP	_____
<input type="checkbox"/> Volatile Organic Compounds (VOC)	_____			<input type="checkbox"/> Combined HAPs	_____
<input type="checkbox"/> Carbon Monoxide	_____			<input type="checkbox"/> Air Toxics (40 CFR 68, Subpart F)	_____
<input type="checkbox"/> Nitrogen Oxides	_____			<input type="checkbox"/> Carbon Dioxide	_____
<input type="checkbox"/> Sulfur Dioxide	_____			<input type="checkbox"/> Greenhouse Gases (GHG)	_____
<input type="checkbox"/> Lead	_____			<input type="checkbox"/> Other	_____

For New Construction:

Proposed Start Date of Construction:
(MM/YYYY) _____

Proposed Operation Start-Up Date: (MM/YYYY) _____

N/A

For Modifications:

Proposed Start Date of Modification:
(MM/YYYY) _____

Proposed Operation Start-Up Date: (MM/YYYY) _____

N/A

Applicant is seeking coverage under a permit shield. Yes No **Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.**

Section AI.5 Other Required Information

Indicate the documents attached as part of this application:

- | | |
|--|--|
| <input type="checkbox"/> DEP7007A Indirect Heat Exchangers and Turbines | <input type="checkbox"/> DEP7007CC Compliance Certification |
| <input type="checkbox"/> DEP7007B Manufacturing or Processing Operations | <input type="checkbox"/> DEP7007DD Insignificant Activities |
| <input type="checkbox"/> DEP7007C Incinerators and Waste Burners | <input type="checkbox"/> DEP7007EE Internal Combustion Engines |
| <input type="checkbox"/> DEP7007F Episode Standby Plan | <input type="checkbox"/> DEP7007FF Secondary Aluminum Processing |
| <input type="checkbox"/> DEP7007J Volatile Liquid Storage | <input type="checkbox"/> DEP7007GG Control Equipment |
| <input type="checkbox"/> DEP7007K Surface Coating or Printing Operations | <input type="checkbox"/> DEP7007HH Haul Roads |
| <input type="checkbox"/> DEP7007L Mineral Processes | <input type="checkbox"/> Confidentiality Claim |
| <input type="checkbox"/> DEP7007M Metal Cleaning Degreasers | <input type="checkbox"/> Ownership Change Form |
| <input type="checkbox"/> DEP7007N Source Emissions Profile | <input type="checkbox"/> Secretary of State Certificate |
| <input type="checkbox"/> DEP7007P Perchloroethylene Dry Cleaning Systems | <input type="checkbox"/> Flowcharts or diagrams depicting process |
| <input type="checkbox"/> DEP7007R Emission Offset Credit | <input type="checkbox"/> Digital Line Graphs (DLG) files of buildings, roads, etc. |
| <input type="checkbox"/> DEP7007S Service Stations | <input type="checkbox"/> Site Map |
| <input type="checkbox"/> DEP7007T Metal Plating and Surface Treatment Operations | <input type="checkbox"/> Map or drawing depicting location of facility |
| <input type="checkbox"/> DEP7007V Applicable Requirements and Compliance Activities | <input type="checkbox"/> Safety Data Sheet (SDS) |
| <input type="checkbox"/> DEP7007Y Good Engineering Practice and Stack Height Determination | <input type="checkbox"/> Emergency Response Plan |
| <input type="checkbox"/> DEP7007AA Compliance Schedule for Non-complying Emission Units | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> DEP7007BB Certified Progress Report | |

Section AI.6: Signature Block

I, the undersigned, hereby certify under penalty of law, that I am a responsible official*, and that I have personally examined, and am familiar with, the information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.

ADAM GOLDBERG (Affiliate) ¹ Digitally signed by ADAM GOLDBERG (Affiliate)
 Date: 2026.01.27 12:34:47 -05'00'

Authorized Signature

Marc "Dutch" Conrad

Type or Printed Name of Signatory

*Responsible official as defined by 401 KAR 52:001.

1/12/2026

Date

President and Program Manager

Title of Signatory

11/2018

Section AI.7: Notes, Comments, and Explanations
Mission Conversion Services Alliance (MCSA) is applying for renewal of the current permit to preserve the application shield.
Subsequent to the submission of this renewal application MCSA will be providing an initial Title V permit application to take over operational
authority for several sources at Four Rivers Nuclear Partnership (FRNP) with both contractors being single source for the purposes of Title V.
The initial Title V application provided by MCSA will include the DUF6 sources and the sources from FRNP that MCSA is taking over
operational authority for on a single Title V air permit.