



Illinois Environmental Protection Agency

2520 West Iles Avenue • P.O. Box 19276 • Springfield, Illinois • 62794-9276 • 217-782-3397

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JB Pritzker, Governor

James Jennings, Acting Director

Midwest Generation, LLC
13082 East Manito Road
Pekin, Illinois 61554

217/782-0610

SEP 29 2025

Re: Midwest Generation, LLC
Powerton Generating Station
Coal Combustion Residual Surface Impoundment Construction Permit 2024-CC-100030
Bureau ID: W1798010008
Modified Permit (Without Public Notice)

Dear Permittee:

The Illinois Environmental Protection Agency has reviewed the request for modification of the above-referenced Coal Combustion Residual Surface Impoundment Construction Permit. The final decision of the Agency is to modify the Permit as follows:

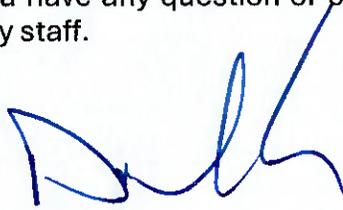
1. The permit number has been corrected in the header of each page of the permit.
2. Special Condition 3 now references the correct log number.
3. Special Condition 9 has been deleted.
4. Special Condition 10 has been removed from the permit. All of the special conditions below it have been renumbered and references to other special conditions within the permit have been updated.
5. Special Condition 17 (now Special Condition 16) has been modified to only require one copy of all certification logs, reports, and plan sheets.

Enclosed is a copy of the modified Permit. Because the changes made in the permit were minor, no formal Public Notice of the modification will be issued.

Page 2

Should you have any question or comments regarding the above, please contact Mark E. Liska of my staff.

Sincerely,



Darin E. LeCrone, P.E.
Manager, Permit Section
Division of Water Pollution Control

DEL:MEL:24083002.docx

Attachment: Final Permit

cc: Records
Compliance Assurance Section
Peoria Region
Billing
USEPA

Coal Combustion Residual Surface Impoundment Permit No. 2024-CC-100030

Illinois Environmental Protection Agency

Division of Water Pollution Control

2520 West Iles Avenue

Post Office Box 19276

Springfield, Illinois 62794-9276

Modified Coal Combustion Residual Surface Impoundment Retrofit Construction Permit

Expiration Date: June 30, 2029

Issue Date: July 3, 2024

Modification Date: **SEP 29 2025**

Name and Address of Permittee:

Midwest Generation, LLC
13082 East Manito Rd.
Pekin, IL 61554

Name and Address of Facility:

Midwest Generation, LLC
Powerton Generating Station
13082 East Manito Rd.
Pekin, IL 61554
(Tazewell County)

CCR Impoundment:

W1798010008-04 Ash Bypass Basin

In compliance with the provisions of the Illinois Environmental Protection Act, Title 35 of Ill. Adm. Code, Subtitle C and/or Subtitle D, Chapter 1, and the Clean Water Act (CWA), the above-named permittee is hereby authorized to retrofit construct a coal combustion residual (CCR) surface impoundment, at the above location in accordance with the standard conditions and attachments herein.

Coal Combustion Residual Surface Impoundment Permit No. 2024-CC-100030 authorizes the retrofit construction of the Ash Bypass Basin in accordance with 35 Illinois Administrative Code Part 845 as described below.

Coal Combustion Residual Surface Impoundment Permit No. 2024-CC-100030 does not authorize the operation of the Ash Surge Basin, the Metal Cleaning Basin, the Ash Bypass Basin, or the Former Ash Basin.

Coal Combustion Residual Surface Impoundment Permit No. 2024-CC-100030 does not authorize the closure of the Ash Bypass Basin, corrective action for the Ash Bypass Basin, or any construction activities associated with the closure of the Ash Bypass Basin.

Coal Combustion Residual Surface Impoundment Permit No. 2024-CC-100030 does not authorize the closure, corrective action, or any construction for the Ash Surge Basin, the Former Ash Basin, or the Metal Cleaning Basin.

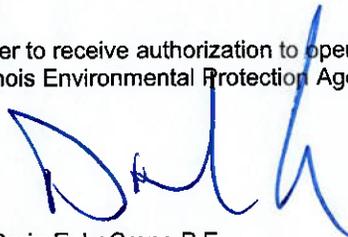
Coal Combustion Residual Surface Impoundment Permit No. 2024-CC-100030 does not authorize the discharge of any wastewater to waters of the United States. NPDES Permit No. IL0002232 authorizes this facility to discharge wastewater to waters of the United States.

Coal combustion residuals, consisting of bottom ash discharged from the station's dewatering bins and other process waste streams related to electric power-generating operations when the Ash Surge Basin was being cleaned. The Ash Bypass Basin covers approximately 0.83 acres and has a storage capacity of approximately 6,700 cubic yards.

Permit is hereby granted to the above designated permittee(s) to construct facilities described as follows:

The retrofit construction of the Ash Bypass Basin including the removal of the gravel warning and sand cushion layers over the existing geomembrane liner, decontaminating the basin's existing geomembrane liner for re-use as a supplemental liner, decontaminating the basin's appurtenant structures, installing a new basin floor and slopes, installing a composite liner system consisting of a 60-mil HDPE geomembrane over a geosynthetic clay liner, installing a leachate collection and removal system consisting of a drainage geocomposite, leachate collection pipe, and submersible sump pump, installing a sand filter layer over the leachate collection and removal system, and installing a protective warning layer over the sand filter layer. Retrofit construction includes all pipes, pumps, and appurtenances as specified in the Application for Retrofit Construction Permit application dated July 15, 2022 and the Amended Written Retrofit Plan Revision 1 dated March 5, 2024.

Permittee is not authorized to operate after the above expiration date. In order to receive authorization to operate beyond the expiration date, the permittee shall submit the proper application as required by the Illinois Environmental Protection Agency (IEPA) not later than 180 days prior to the expiration date.



Darin E. LeCrone P.E.
Manager, Permit Section
Division of Water Pollution Control

CCR Impoundment Permit No. 2024-CC-100030

Special Conditions

SPECIAL CONDITION 1: This permit does not relieve the Permittee of the responsibility of complying with the provisions of the State of Illinois Rules and Regulations, 35 Ill. Adm. Code Subtitle B, Air Pollution Control, Chapter 1 and 35 Ill. Adm. Code Subtitle G, Land Pollution Control, Chapter 1. The Permittee may be required to file reports and/or obtain applicable permits through the Illinois EPA's Bureau of Air (BOA) - Division of Air Pollution Control (DAPC) and/or Illinois EPA's Bureau of Land (BOL) – Division of Land Pollution Control (DLPC).

SPECIAL CONDITION 2: This construction permit is for Retrofitting of the Ash Bypass Basin and does not cover any closure construction or post-closure care of the Ash Bypass Basin. This permit does not authorize any construction activities necessary for closure and/or corrective action of the Ash Bypass Basin.

SPECIAL CONDITION 3: The operator shall implement methods for controlling dust, including the Fugitive Dust Control Plan included in Application Log No. 2021-100030, so as to prevent wind dispersal of particulate matter off-site.

SPECIAL CONDITION 4: A permanent sign shall be maintained at each CCR impoundment that contains the information required under 35 Ill. Adm. Code, Section 845.130.

SPECIAL CONDITION 5: The written Emergency Action Plan (EAP), shall be maintained by the facility. The EAP and all amendments must be placed in the facility's operating record. Upon activation of the EAP, the facility must notify Illinois EPA in writing within 30 days of activation and place all corresponding documentation in the facility operating record. The permittee may amend the EAP at any time but must amend the EAP when there is a change in conditions that would substantially affect the EAP.

SPECIAL CONDITION 6: The Safety and Health Plan and accompanying certification has been submitted as part of Permit Application Log No. 2021-100029 and must be maintained by the facility. The plan must be updated annually and on an as needed basis. The Safety and Health Plan and all amendments must be placed in the facility operating record.

SPECIAL CONDITION 7: The permittee submitted financial assurance in accordance with Part 845 Subpart I in their application and in a separate submission dated June 21, 2021. The permittee shall provide and maintain financial assurance in accordance with Part 845 Subpart I.

SPECIAL CONDITION 8: All CCR impoundments and any lateral expansion of a CCR surface impoundment must be inspected by a qualified person on a weekly basis and after each 25-year, 24-hour storm event. All CCR surface impoundment instrumentation must be inspected at least every 30 days. A report for each inspection shall be generated and placed into the facility operating record.

SPECIAL CONDITION 9: All certifications, logs, reports, plan sheets, notices, and groundwater monitoring data required to be submitted to the Illinois EPA by the permittee shall be mailed to the following address:

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W. Iles Avenue
P.O. Box 19276
Springfield, Illinois 62794-927

Information submittals transmitted by FedEx or UPS shall be mailed to the following address:

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W. Iles Avenue
P.O. Box 19276
Springfield, Illinois 62704

All certifications, logs, reports, plan sheets, notices, and groundwater monitoring data required to be submitted to the Illinois EPA by the permittee generated after January 1, 2025, shall be mailed to the following address:

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W. Iles Avenue
Springfield, Illinois 62704

CCR Impoundment Permit No. 2024-CC-100030

Special Conditions

Electronic groundwater monitoring data shall be emailed to Illinois EPA at the following email address:
EPA.BOW.GWS.CCR@illinois.gov

Except for electronic groundwater, the operator shall provide the Illinois EPA with the original of all certifications, logs, reports, and plan sheets required by this permit.

SPECIAL CONDITION 10: The permittee will commence construction in accordance with the specifications listed in the Application for Retrofit Construction Permit application dated July 15, 2022, and the Amended Written Retrofit Plan Revision 1 dated March 5, 2024. Any changes made to the construction plans must be approved by the Agency.

SPECIAL CONDITION 11: The permittee shall notify the Agency within 7 days of construction being completed.

SPECIAL CONDITION 12: Issuance of this permit does not release the Permittees from any liability for prior violations of the Act or Rules and Regulations promulgated thereunder.

SPECIAL CONDITION 13: All sludges not considered Coal Combustion Residual as defined under 35 Ill. Adm. Code Part 845, if generated, shall be disposed of at a site and in a manner acceptable to the Agency, including obtaining required state construction and/or operating permits from the Agency.

SPECIAL CONDITION 14: All discharges to a Water of the United States shall be governed by NPDES Permit No. IL0002232.

SPECIAL CONDITION 15: All certifications, logs, reports, plan sheets, notices, and groundwater monitoring data generated as a part of the construction quality assurance program pursuant to 845.290(b)(2) must be reported in the retrofit construction completion report in accordance with 35 Ill. Adm. Code 845.770(g) and is required to be submitted to the Illinois EPA prior to termination of the retrofit construction permit by the permittee. The permittee shall mail the retrofit construction completion report to the following address:

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

Information submittals transmitted by FedEx or UPS shall be mailed to the following address:

Illinois Environmental Protection Agency
Compliance Assurance Section
Bureau of Water
2520 W. Iles Avenue
Springfield, Illinois 62704

The operator shall provide the Illinois EPA with one copy of all certifications, logs, reports, and plan sheets required by this permit.