CCR Certification:
Emergency Action Plan
§257.73 (a)(3)
for the
East Ash Pond
at the
F.B. Culley Generating Station
Revision 2
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Executive Summary

This Coal Combustion Residuals (CCR) Emergency Action Plan (EAP) for the East Ash Pond at the Southern Indiana Gas & Electric Company dba Vectren Power Supply, Inc. (SIGECO), F.B. Culley Generating Station has been prepared in accordance with the requirements specified in the USEPA CCR Rule under 40 Code of Federal Regulations §257.73 (a)(3). These regulations require the specified documentation, assessments and plans for an existing CCR surface impoundment be prepared by April 17, 2017 and updated as appropriate.

This Plan for the East Ash Pond meets the regulatory requirements as summarized in Table ES-1.

<table>
<thead>
<tr>
<th>Report Section</th>
<th>CCR Rule Reference</th>
<th>Requirement Summary</th>
<th>Requirement Met?</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>§257.73 (a)(3)</td>
<td>Development of Plan</td>
<td>Yes</td>
<td>The initial Emergency Action Plan (Revision 0) was prepared based on conditions of the CCR unit as of April 17, 2017. This Revision 2 to the Emergency Action Plan contains revisions necessary for consistency with other plans and includes the learnings from the Emergency Responder Training.</td>
</tr>
</tbody>
</table>

The East Ash Pond is considered an active surface impoundment that has been previously classified as a “Significant” hazard as described in the CCR Rule, and as such requires an Emergency Action Plan be developed per the requirements of §257.73 (a)(3).
1 Introduction

1.1 Purpose of this Report

The purpose of the Emergency Action Plan (EAP) for the East Ash Pond, as presented in this report, is to document the requirements specified in 40 Code of Federal Regulations (CFR) §257.73 (a)(3) have been met to support each of the applicable regulatory provisions for the F.B. Culley Generating Station (Culley) East Ash Pond. The East Ash Pond is an existing coal combustion residual (CCR) surface impoundment as defined by 40 CFR §257.53. The CCR Rule requires an EAP be developed for each existing CCR surface impoundment by April 17, 2017.

The following table identifies the five components of the EAP which are discussed in §257.73.

<table>
<thead>
<tr>
<th>Report Section</th>
<th>Title</th>
<th>CCR Rule Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>Development of Plan</td>
<td>§257.73 (a)(3)(i)</td>
</tr>
<tr>
<td>2.2</td>
<td>Amendment of Plan</td>
<td>§257.73 (a)(3)(ii)</td>
</tr>
<tr>
<td>2.3</td>
<td>Change in Hazard Potential Classification</td>
<td>§257.73 (a)(3)(iii)</td>
</tr>
<tr>
<td>2.4</td>
<td>Certification from Qualified Professional Engineer</td>
<td>§257.73 (a)(3)(iv)</td>
</tr>
<tr>
<td>2.5</td>
<td>Activation of the EAP</td>
<td>§257.73 (a)(3)(v)</td>
</tr>
</tbody>
</table>

Diligent observation during the normal, daily operations at the plant are vital in recognizing unusual events. Events which could constitute unusual or an emergency event were identified and classified into three levels;

- Emergency Level 3: Non-emergency unusual event, slowly developing
- Emergency Level 2: Potential embankment failure situation, rapidly developing
- Emergency Level 1: Urgent; embankment failure appears imminent or is in progress

The EAP provides standard evaluation methods of conditions at the plant, appropriate actions to be taken during emergencies, and contact information for the responsible personnel and applicable emergency responders.

1.2 Brief Description of Impoundment

The Culley station is located in Warrick County, Indiana, southeast of Newburgh, Indiana, and is owned and operated by SIGECO. The Culley station is located along the north bank of the Ohio River and Little Pigeon Creek is situated along the southeastern-eastern boundary. The station has two CCR surface impoundments; the West Ash Pond and East Ash Pond. However, only the East Pond is actively receiving CCR materials. The Culley East Ash Pond hazard potential has been classified as “significant” under the definitions provided in the CCR Rule (certification under separate cover). The East Ash Pond is located in the southeastern corner of the station and is approximately 10 acres in size.
The East Ash Pond was commissioned in approximately 1971 and operates as an unlined CCR impoundment. Earthen embankments were constructed along the south and east sides of the impoundment. Structural fill used for the original construction of the Culley station in the 1950’s borders the impoundment to the west side, and west end of the north side. The east embankment intersects a natural hillside on the east end of the north side of the impoundment. The perimeter of the embankment is approximately 1,200 feet long, 30 feet high, and has 2.4 to 1 (horizontal to vertical) exterior side slopes covered with grassy vegetation. Interior side slopes varied from 2.5 to 1 (horizontal to vertical) to 2 to 1 (horizontal to vertical) for the upper and lower portion of the embankment, respectively. The embankment crest elevation varies from 392.67 feet\(^1\) to 396.42 feet and has a crest width of approximately 15 feet. The surface area of the impoundment is approximately 9.8 acres. The ponding water has a surface area of approximately 7.26 acres and has a normal operating level of 386 feet.

A Site Location Map showing the area surrounding the station is in Figure 1 of Appendix A. Figure 2 in Appendix A presents the Culley Site Map.

\(^1\) unless otherwise noted, all elevations in this report are in the NAD88 datum
2 Emergency Action Plan

Regulatory Citation: 40 CFR §257.73 (a)(3) Emergency Action Plan (EAP)

The EAP for the East Ash Pond is described in this section. Information regarding operational and maintenance procedures of the station was provided by Culley station personnel. Those personnel follow an established emergency action plan that quickly identifies and resolves issues of concern at the Culley station.

2.1 Development of Plan

Regulatory Citation: 40 CFR §257.73 (a)(3) Development of the plan;

- (i) No later than April 17, 2017, the owner or operator of a CCR unit determined to be either a high hazard potential CCR surface impoundment or a significant hazard potential CCR surface impoundment under paragraph (a)(2) of this section must prepare and maintain a written EAP.

The East Ash Pond was determined to be a CCR surface impoundment with a significant hazard potential under 40 CFR §257.73 (a)(2) as certified in October 2016. Therefore, a written EAP has been prepared and will be maintained.

2.1.1 Definitions of Events or Circumstances

Regulatory Citation: 40 CFR §257.73 (a)(3)(i);

- (A) Define the events or circumstances involving the CCR unit that represent a safety emergency, along with a description of the procedures that will be followed to detect a safety emergency in a timely manner.

This section of the EAP describes the first step to be followed in the event of the detection of an unusual or emergency event at Culley station. The section also describes event detection and information to assist SIGECO in determining the appropriate level of response for an event.

Event Level 3 – Non-emergency unusual event, slowly developing
This is an incident that is defined as an unusual, slowly developing situation that has the potential to threaten the operation or structural integrity of the embankment. The condition of the embankment should be monitored closely, especially during storm events, to detect any development of a potential or imminent failure situation.

Event Level 2 – Potential embankment failure situation, rapidly developing
This is an emergency event defined as rapidly developing and could quickly lead to a failure of the embankment, but there is not an immediate threat of embankment failure. SIGECO should closely monitor the condition of the embankment and periodically report the status of the situation to the Indiana DHS District 10 Coordinator. If the embankment’s condition worsens and failure becomes imminent, Emergency Responders must be notified immediately via the 911 system of the change in the emergency level to evacuate the people at risk downstream.
If time permits, the Indiana DHS District 10 Coordinator should be contacted to evaluate the situation and recommend remedial actions to prevent embankment failure. SIGECO should initiate remedial repairs.

**Event Level 1 – Urgent; Embankment failure appears imminent or is in progress**

This is an extremely urgent situation when an embankment failure is imminent. The Emergency Responders should be contacted immediately via the 911 system so emergency services can begin evacuations of all at-risk people as needed.

**Table 2-1** defines the various potential events and circumstances that could be observed involving the CCR unit and its corresponding emergency level determination. The table is a guide for determining the appropriate event level and attempts to be all inclusive; however, an event or condition may arise that is not covered. In the circumstance of multiple events occurring at the embankment with conflicting event levels, always designate the higher event level as the governing event level.

<table>
<thead>
<tr>
<th>Defect / Event</th>
<th>Emergency Level 3*</th>
<th>Emergency Level 2*</th>
<th>Emergency Level 1*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embankment Cracking</td>
<td>New cracks or cracks that have increased in size in the embankment without seepage, indicative of structural instability.¹</td>
<td>Cracks in the embankment with seepage</td>
<td>Cracks in the embankment with noticeable flow of seepage and solids.</td>
</tr>
<tr>
<td>Seepage</td>
<td>Low flow rate, clear water, small area not associated with poor drainage area or rut that would be normal maintenance.</td>
<td>High or increasing flow rate carrying soil that may cover a large area.</td>
<td>–</td>
</tr>
<tr>
<td>Embankment Movement</td>
<td>–</td>
<td>Visual movement / structural slippage of the embankment slope.²</td>
<td>Sudden or rapidly proceeding slides of the embankment slopes.²</td>
</tr>
<tr>
<td>Dropping Water Level</td>
<td>Water level in East Ash Pond is rapidly falling without apparent cause (no increase in pumping rates).</td>
<td>Whirlpool or other signs of the East Ash Pond draining rapidly through the impoundment or foundation.</td>
<td>–</td>
</tr>
<tr>
<td>Earthquake</td>
<td>A reported earthquake of 3.0 or greater magnitude within 50 miles of the embankment. See Figure 5 – 50 Mile Radius Map for reference.</td>
<td>Earthquake resulting in visible damage to the embankment or appurtenances.</td>
<td>Earthquake resulting in uncontrolled release of water from the embankment.</td>
</tr>
<tr>
<td>Security Threat</td>
<td>–</td>
<td>Verified bomb threat that, if carried out, could result in damage to the embankment.</td>
<td>Detonated bomb that has resulted in damage to the embankment or appurtenances.</td>
</tr>
</tbody>
</table>
Table 2-1 – Event Level Determination Guidance

<table>
<thead>
<tr>
<th>Defect / Event</th>
<th>Emergency Level 3*</th>
<th>Emergency Level 2*</th>
<th>Emergency Level 1*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sabotage / Vandalism</td>
<td>Damage that could adversely impact the functioning of the embankment.</td>
<td>Damage that has resulted in seepage flow.</td>
<td>Damage that has resulted in uncontrolled water release.</td>
</tr>
<tr>
<td>Sinkholes</td>
<td>Observation of new sinkhole in pond area or on embankment.</td>
<td>Rapidly enlarging sinkhole.</td>
<td>–</td>
</tr>
<tr>
<td>Tornado</td>
<td>Tornado resulted in visible damage to the embankment or appurtenances.</td>
<td>Tornado resulted in major visible damage to the embankment or appurtenances.</td>
<td>Tornado resulted in uncontrolled release of water from the embankment.</td>
</tr>
</tbody>
</table>

*Emergency Level 3: Non-emergency unusual event, slowly developing
*Emergency Level 2: Potential embankment failure situation, rapidly developing
*Emergency Level 1: Urgent; embankment failure appears imminent or is in progress

Notes:
1 – Shallow desiccation cracks due to dry weather or minor due to recent erosion and that will normally be addressed during the weekly inspections and subsequent normal course of repair are not included in this event. Additional evaluation and/or professional input may be warranted prior to determination that an observed “Embankment Cracking” field condition triggers Event Level 3. In questionable cases requiring additional input, the Third Party Geotechnical Engineer should be consulted.

2 – Minor surficial sloughing of material due to lack of vegetation and erosion is not considered within this event. Slipping and slippage refer to structural movement of the embankment or berm and do not refer to erosion issues that will normally be addressed during the weekly inspections and subsequent normal course of repair.
Safety emergencies may be detected by local residents, F.B. Culley employees, or City employees. There is no formal information collecting system or warning system to detect an emergency at the embankment. In addition, there is no procedure for analyzing data, but emergencies such as cracking/deformation of the levee embankments, extreme seepage, or other indications of potential failures, are expected to be readily apparent to observers.

### 2.1.2 Responsible Persons and Notification Procedure

*Regulatory Citation: 40 CFR §257.73 (a)(3)(i);*

- **(B) Define responsible persons, their respective responsibilities, and notification procedures in the event of a safety emergency involving the CCR unit.**

All defined responsible persons, their respective responsibilities, and notification procedures in the event of a safety emergency involving the CCR unit have been documented. The notification flow chart can be found in Appendix A, Figures 3.1, 3.2 and 3.3.

### 2.1.3 Contact Information

*Regulatory Citation: 40 CFR §257.73 (a)(3)(i);*

- **(C) Provide contact information of emergency responders.**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Contact Person</th>
<th>Address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warrick County Emergency Management Director</td>
<td>David Woolen</td>
<td>107 W. Locust St. Room 307</td>
<td>812-897-6178</td>
</tr>
<tr>
<td></td>
<td></td>
<td>107 W. Locust St. Room 307</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boonville, IN 47601</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indiana Department of Homeland Security</td>
<td>Tonda Dixon</td>
<td></td>
<td>317-402-6603</td>
</tr>
<tr>
<td>District 10 Coordinator</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indiana DNR (Boat Launch Operator) *</td>
<td>Division of Water</td>
<td>Indianapolis, IN</td>
<td>317-232-4160</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>911 Dispatch</td>
<td>Chief Deputy</td>
<td>100 W. S.R. 62 P.O. Box 487</td>
<td>812-897-1200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boonville, Indiana 47601</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warrick County Sheriff's Office</td>
<td>Sheriff Brett Kruse</td>
<td>100 W. S.R. 62 P.O. Box 487</td>
<td>812-897-6180</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boonville, Indiana 47601</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. Army Corps of Engineers</td>
<td>Chuck Oliver</td>
<td>Louisville District P.O. Box 59</td>
<td>502-315-6912</td>
</tr>
<tr>
<td>Emergency Manager **</td>
<td></td>
<td>Louisville, Kentucky 40201</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.1.4 Map of Downstream Area

Regulatory Citation: 40 CFR §257.73 (a)(3)(i);

- (D) Include a map which delineates the downstream area which would be affected in the event of a CCR unit failure and a physical description of the CCR unit.

A map depicting the downstream area that would be affected in the event of embankment failure is presented in Figure 4 of Appendix A. A map with the location of a possible incident command center and potential roads that would be affected in the event of embankment failure is presented in Figure 6 in Appendix A. The description of the Culley station and of the Culley East Ash Pond CCR unit is included in Section 1.2 of this certification document.

2.1.5 Annual Face-to-Face Meeting

Regulatory Citation: 40 CFR §257.73 (a)(3)(i);

- (E) Include provisions for an annual face-to-face meeting or exercise between representatives of the owner or operator of the CCR unit and the local emergency responders.

Provisions for an annual face-to-face meeting between representatives of the owner or operator of the Culley station and the local emergency responders have been established and are listed below. The owner or operator will review and update the EAP for the East Ash Pond as needed at least once each year.

Within one year of the finalization of the initial EAP, the owner of operator shall initiate annual EAP face-to-face meetings that, at minimum, consist of the following:

- A review of responsible parties listed in Table 2-2 to confirm names and contact numbers are still accurate
- Confirmation that all personnel in Table 2-2 know where the EAP is located and the responsibilities described within the EAP
- Review of the EAP, notification flowcharts and downstream impact area maps.
Persons listed on Table 2-2 shall be notified of meeting time and location via certified mail at least 2 weeks prior to meeting date.

An annual exercise may be substituted for an annual face-to-face meeting with emergency responders. The annual EAP exercise will consist of the following:

- The owner or operator will develop a plan and schedule for EAP training.
- The owner or operator, in conjunction with responsible persons and emergency responders, will conduct tabletop and/or field exercises for various emergency events.
- The owner or operator will review the EAP in accordance with all responsible persons and update, as necessary, all documentation within the EAP to include the notification flowcharts (Figures 3.1-3.3), the EAP document, and the downstream area map (Figure 4).
- The results of the annual exercise will be discussed and evaluated to determine if the EAP needs to be updated.

Updates/learnings from the first face-to-face meeting have been incorporated into this plan.

2.2 Amendment of the Plan

Regulatory Citation: 40 CFR §257.73 (a)(3)(ii) Amendment of the Plan:

- (A) The owner or operator of a CCR unit subject to the requirements of paragraph (a)(3)(i) of this section may amend the written EAP at any time provided the revised plan is placed in the facility’s operating record as required by § 257.105(f)(6). The owner or operator must amend the written EAP whenever there is a change in conditions that would substantially affect the EAP in effect.

Whenever there is a change in conditions that would substantially affect the EAP, an amendment to the written EAP will be made and placed in the facility’s operating record.

- (B) The written EAP must be evaluated, at a minimum, every five years to ensure the information required in paragraph (a)(3)(i) of this section is accurate. As necessary, the EAP must be updated and a revised EAP placed in the facility’s operating record as required by § 257.105(f)(6).

The EAP will be evaluated, at a minimum, every five years. Any updates and revisions to the EAP will be placed in the facility’s operating record.

2.3 Changes in Hazard Potential Classification

Regulatory Citation: 40 CFR §257.73 (a)(3)(iii):

- (A) If the owner or operator of a CCR unit determines during a periodic hazard potential assessment that the CCR unit is no longer classified as either a high hazard potential CCR surface impoundment or a significant hazard potential CCR surface impoundment, then the owner or operator of the CCR unit is no longer subject to the requirement to prepare and maintain a written EAP beginning on the date the periodic hazard potential assessment documentation is placed in the facility’s operating record as required by § 257.105 (f)(5).
The East Ash Pond is currently classified as a significant hazard potential CCR impoundment; therefore, a written EAP has been prepared. If the classification for the East Ash Pond changes and the CCR unit is no longer classified as either a high hazard potential CCR surface impoundment or a significant hazard potential CCR surface impoundment, SIGECO will no longer be required to prepare and maintain a written EAP.

- **(B)** If the owner or operator of a CCR unit classified as a low hazard potential CCR surface impoundment subsequently determines that the CCR unit is properly re-classified as either a high hazard potential CCR surface impoundment or a significant hazard potential CCR surface impoundment, then the owner or operator of the CCR unit must prepare a written EAP for the CCR unit as required by paragraph (a)(3)(i) of this section within six months of completing such periodic hazard potential assessment.

The East Ash Pond is currently classified as a significant hazard potential CCR impoundment; therefore, a written EAP has been prepared.

### 2.4 Qualified Professional Engineer Certification

Regulatory Citation: 40 CFR §257.73 (a)(3);

- (iv) The owner or operator of the CCR unit must obtain a certification from a qualified professional engineer stating that the written EAP, and any subsequent amendment of the EAP, meets the requirements of paragraph (a)(3) of this section

A qualified professional engineer’s certification is provided in Section 3 of this EAP.

### 2.5 Activation of the EAP

Regulatory Citation: 40 CFR §257.73 (a)(3);

- (v) The EAP must be implemented once events or circumstances involving the CCR unit that represent a safety emergency are detected, including conditions identified during periodic structural stability assessments, annual inspections, and inspections by a qualified person.

The EAP will be implemented as soon as events or circumstances involving the CCR unit that represent a safety emergency are detected.
3 Certification

This Certification Statement documents that the East Ash Pond at the F.B. Culley Generating Station meets the Emergency Action Plan requirements specified in 40 CFR §257.73 (a)(3). The East Ash Pond is an existing CCR surface impoundment as defined by 40 CFR §257.53. The CCR Rule requires that an Emergency Action Plan be prepared for any existing CCR surface impoundments by April 17, 2017.

CCR Unit: Southern Indiana Gas & Electric Company; F.B. Culley Generating Station; East Ash Pond

I, John Priebe, being a Registered Professional Engineer in good standing in the State of Indiana, do hereby certify, to the best of my knowledge, information, and belief that the information contained in this certification has been prepared in accordance with the accepted practice of engineering. I certify, for the above referenced CCR Unit, that the Emergency Action Plan dated December 31, 2018 meets the requirements of 40 CFR § 257.73 (a)(3).

John D. Priebe
Printed Name

12/19
Date

December 31, 2018
4 Limitations

Background information, design basis, and other data which AECOM has used in preparation of this report have
been furnished to AECOM by SIGECO. AECOM has relied on this information as furnished, and is not
responsible for the accuracy of this information. Our recommendations are based on available information from
previous and current investigations. These recommendations may be updated as future investigations are
performed.

The conclusions presented in this report are intended only for the purpose, site location, and project indicated.
The recommendations presented in this report should not be used for other projects or purposes. Conclusions or
recommendations made from these data by others are their responsibility. The conclusions and recommendations
are based on AECOM’s understanding of current plant operations, maintenance, stormwater handling, and ash
handling procedures at the station, as provided by SIGECO. Changes in any of these operations or procedures
may invalidate the findings in this report until AECOM has had the opportunity to review the findings, and revise
the report if necessary.

This development of the Emergency Action Plan for the East Ash Pond was performed in accordance with the
standard of care commonly used as state-of-practice in our profession. Specifically, our services have been
performed in accordance with accepted principles and practices of the engineering profession. The conclusions
presented in this report are professional opinions based on the indicated project criteria and data available at the
time this report was prepared. Our services were provided in a manner consistent with the level of care and skill
ordinarily exercised by other professional consultants under similar circumstances. No other representation is
intended.
Appendix A

Figures

Figure 1 – Location Map
Figure 2 – Site Map
Figure 3.1 – Notification Flow Chart Level 3
Figure 3.2 – Notification Flow Chart Level 2
Figure 3.3 – Notification Flow Chart Level 1
Figure 4 – Downstream Area Map
Figure 5 – 50 mile Radius Map
Figure 6 – Road Closure Map
EVENT LEVEL 3 NOTIFICATION INCIDENT, SLOWLY DEVELOPING

Person Observing or Learning of Incident

(Vectren EAP Coordinator)

PRIMARY CONTACT
On Duty Production Supervisor
Phone 812-491-5328

ALTERNATE CONTACT
Production Manager
Phone 812-491-5312
Or 812-305-5312

(ENGINEERING)

On-Call Vectren Engineer *
Vik Gautam (AECOM)
Cell: 440-317-1390

Suggested EAP Coordinator Message
- This is the ______. I am making this call in accordance with the F.B. Culley Generating Plant EAP.
- An incident has been detected F.B. Culley Plant.
- The EAP has been activated, currently at an incident level (Level 3).
- If a problem occurs, Little Pigeon Creek may be impacted and the Ohio River may be impacted.
- The situation is being monitored to determine if any evacuation warnings are necessary.
- We will keep you apprised of the situation. The best telephone number to reach me during this event is … (state the best number to reach you).

* Consulting the Third Party Geotechnical Engineer does not automatically activate the CCR EAP.

NOTE:
1) [1], [2], [3], etc., DENOTES SUGGESTED CALLSEQUENCE

LEGEND:
1) CALLS BY EAP COORDINATOR
2) SECOND LEVEL CALLS (as warranted)
3) THIRD LEVEL CALLS (as warranted)

F.B. CULLEY GENERATING PLANT EMERGENCY ACTION PLAN
NOTIFICATION FLOW CHART FOR EVENT LEVEL 3
December 2018

FIGURE 3.1

See Table 2.2, Emergency Responders Contact Information, in the EAP for additional contact information.
EVENT LEVEL 2 NOTIFICATION
EMERGENCY EVENT, RAPIDLY DEVELOPING

Suggested EAP Coordinator Message
- This is the __________. I am making this call in accordance with the F.B. Culley Generating Plant EAP.
- Problems have occurred with F.B. Culley Generating Plant.
- The EAP has been activated, currently at the emergency level (Level 2).
- Impact to the Ohio River is possible.
- Flooding along the Little Pigeon Creek is possible.
- Prepare to evacuate along the Little Pigeon Creek.
- We will keep you apprised of the situation. The best telephone number to reach me during this event is … (state the best number to reach you).

WARNING/EVACUATION
24-Hour Emergency: 911

WARNING/EVACUATION
Warrick County Sheriff's Office
Sheriff Bret Kruse
Phone: 812-897-6180

WARNING/EVACUATION
ENDANGERED RESIDENTS
CHIEF DEPUTY DISPATCH TO CONTACT ENDANGERED RESIDENTS
(MESSAGE PREPARE TO EVACUATE)

WARNING/EVACUATION
Warrick County Emergency Management Director
David Woolen
Phone: 812-897-6178

WARNING/EVACUATION
(Vectren EAP Coordinator)
On-Duty Production Supervisor
Phone: 812-491-5328

ALTERNATE CONTACT
Production Manager
Phone: 812-491-5312
Or 812-305-5312

On-Call Vectren Engineer
Vik Gautam (AECOM)
Cell: 440-317-1380

On-Call Vectren Engineer (WARNING/EVACUATION)
24-Hour Emergency: 911

On-Call Vectren Engineer (As Warranted After Consulting with Third Party Engineer)

ENDANGERED RESIDENTS

WARNING/EVACUATION
Warrick County Emergency Management Director
David Woolen
Phone: 812-897-6178

WARNING/EVACUATION
Warrick County Sheriff's Office
Sheriff Bret Kruse
Phone: 812-897-6180

NOTE:
1) [1], [2], [3], etc., DENOTES SUGGESTED CALLSEQUENCE
LEGEND:
1) CALLS BY EAP COORDINATOR
2) SECOND LEVEL CALLS (as warranted)
3) THIRD LEVEL CALLS (as warranted)

See Table 2.2, Emergency Responders Contact Information, in the EAP for additional contact information.

F.B. CULLEY
GENERATING PLANT
EMERGENCY ACTION PLAN

NOTIFICATION FLOW CHART
FOR EVENT LEVEL 2

December 2018
FIGURE 3.2
EVENT LEVEL 1 NOTIFICATION
EMERGENCY EVENT, IMMINENT DAM FAILURE OR FLASH FLOOD

Suggested EAP Coordinator Message
- This is the [_________] I am making this call in accordance with the F.B. Culley Generating Plant EAP.
- Problems have occurred with F.B. Culley Generating Plant.
- The EAP has been activated, currently at the emergency level (Level 1).
- Impact to the Ohio River is possible.
- Flooding along the Little Pigeon Creek is possible.
- Prepare to evacuate along the Little Pigeon Creek.

We will keep you apprised of the situation. The best telephone number to reach me during this event is … (state the best number to reach you).

Person Observing or Learning of Emergency

(WARNING/EVACUATION)
24-Hour Emergency: 911

(WARNING/EVACUATION)
Warrick County Sheriff’s Office
Sherriff Bret Kruse
Phone: 812-897-6180

(WARNING/EVACUATION)
On-Call Vectren Engineer
Vik Gautam (AECOM)
Cell: 440-317-1380

(WARNING/EVACUATION)
Indiana DHS District 10 Coordinator
Tonda Dixon
Phone: 317-402-6603

(WARNING/EVACUATION)
U.S. Army Corps of Engineers Emergency Manager
Chuck Oliver
Phone: 502-315-6912

(WARNING/EVACUATION)
Warrick County Emergency Management Director
David Woolen
Phone: 812-897-6178

(WARNING/EVACUATION)
Indiana Department of Natural Resources (IDNR)*
Phone: 317-232-4160

(WARNING/EVACUATION)
U.S. Coast Guard Sector Ohio Valley**
Phone: 502-779-5300

(WARNING/EVACUATION)
National Response Center**
Phone: 800-424-8802

(WARNING/EVACUATION)
Inland Marina**
Phone: 812-422-8180

LEGEND:
1) CALLS BY EAP COORDINATOR
2) SECOND LEVEL CALLS (as warranted)
3) THIRD LEVEL CALLS (as warranted)

NOTE:
1) [1], [2], [3], etc., DENOTES SUGGESTED CALL SEQUENCE

See Table 2.2, Emergency Responders Contact Information, in the EAP for additional contact information.

* if flow is sufficient to reach Little Pigeon Creek and/or the boat ramp
** if flow is sufficient to reach the river.
Note: The area depicted within the orange dashed line was interpolated due to an anomaly with the LiDAR data. The raw elevation data exhibited a signature resembling the outline of a steam plume and the resulting contours did not reflect actual site conditions.
About AECOM

AECOM (NYSE: ACM) is a global provider of professional technical and management support services to a broad range of markets, including transportation, facilities, environmental, energy, water and government. With approximately 87,000 employees around the world, AECOM is a leader in all of the key markets that it serves. AECOM provides a blend of global reach, local knowledge, innovation, and collaborative technical excellence in delivering solutions that enhance and sustain the world’s built, natural, and social environments. A Fortune 500 company, AECOM serves clients in more than 100 countries and has annual revenue in excess of $6 billion.