

Appendix F Supplement: Plans for Training, Exercising, and Updating the Amos Fly Ash Dam Emergency Action Plan

Training and Updating:

The purpose of an annual review and training of the EAP is to ensure that all contact information listed in the notification charts is accurate and that the owner/operator of the dam and local first responders are familiar with the EAP and understand their respective roles in responding to a dam emergency. Local County Emergency Management Agency/first responders should be invited to attend the annual training for a face-to-face meeting and to have a general sense of familiarity with the dam site. A review of and training for the John E. Amos Fly Ash Dam EAP will occur on an annual basis. The plant manager, Aaron Sink or his/her representative will be responsible for updating and, if revisions are necessary, distributing copies of the revisions. Copies of all updated or revised pages will be provided to all holders of the EAP.

A copy of the most current EAP will be kept by the following parties or the distribution list located in Part IV of the Bottom Ash Pond Complex EAP.

- AEPSC- Geotechnical Engineering
- Jon Webster, Environmental Supervisor – John E. Amos Power Plant
- Putnam Count Office of Emergency Management

EAP Exercises:

In addition, the dam owner/operator should work with local emergency management and other first responders to determine what opportunities exist to conduct or participate in a dam related EAP exercises, such as tabletop emergency exercises. Records/summaries of all EAP exercises should be documented in the EAP. In addition, any changes to the EAP stemming from justified concerns raised by anyone participating in any EAP exercise should be documented and distributed to all holders of the EAP.

EAP Training Record Form

Use this form to record training sessions. File the completed form in the EAP. A thorough review of all items in the EAP should be discussed during training. Appropriate employees and EAP team members should attend the training session, annually or participate in a simulated exercise.

TRAINING LOCATION:

John E. Amos Plant

DATE: December 19, 2017

TIME: 2:15pm

INSTRUCTOR: Jon P. Webster

CLASS SIGN-IN

Christy Lawrence – Amos PEC	
Hrudaya Kanth – Amos PEC	
Jeffrey Jackson – Amos Plant Express Rep.	
William Hampton – Amos Energy Prod. Supv.	
Larry Harrison – Amos PEC	
Robert Kinder – Amos Operations Spec.	
Jon Webster – Amos Environmental Supv.	

Summary and Commentary:

REVIEW AND UPDATE OF THE PLAN

This plan will be reviewed and updated annually and a thorough review of the entire plan will be conducted in intervals not to exceed five years. Document these reviews below:

Year 1:

Date of review: July 5, 2017

Date of revisions send to EAP holders: July 14, 2017

Notes: EAP reviewed and revised through work with AEP Geotechnical Services. Work focused on maintaining compliance with WVDEP Dam Safety requirements as well as addressing Coal Combustion Residual (CCR) regulations.

Year 2:

Date of review: _____

Date of revisions send to EAP holders: _____

Notes:

Year 3:

Date of review: _____

Date of revisions send to EAP holders: _____

Notes:

Year 4:

Date of review: _____

Date of revisions send to EAP holders: _____

Notes:

Year 5:

Date of review: _____

Notes:

Simulated Emergency/ Tabletop Exercise Record Form

Date Exercise Conducted:	December 19, 2017
Participant Sign-In:	
Christy Lawrence – Amos PEC	Kris Gibson – Asst. Dir. – Putnam County EMS Frank Chapman – Dir. – Putnam County EMS
Hrudaya Kanth – Amos PEC	
Jeffrey Jackson – Amos Plant Express Rep.	
William Hampton – Amos Energy Prod. Supv.	
Larry Harrison – Amos PEC	
Robert Kinder – Amos Operations Spec.	
Jon Webster – Amos Environmental Supv.	
Type of Simulation Conducted:	<p><i>Circle Emergency Type and provide general description of scenario.</i></p> <p>Emergency Water Release</p> <p>Watch Condition</p> <p>Imminent Dam Failure</p> <p>Actual Dam Failure</p>

<p>Comments/Results of Exercise:</p>	<p>Review & Discussion of Emergency Action Plan (EAP) and described the definitions for Condition Response. Review of Plant Fly Ash Dam closure and the potential for any adverse conditions observed as defined by the EAP. This was discussed due to the possibility of observing previously undetected springs on the face of the dam or abutments. Due to the design and construction of the earth & rock dam, the potential for “new” springs exist. Described the necessity for increased inspections and review, as necessary.</p>
<p>Revisions Needed to EAP Based on Results of Exercise?</p>	<p>Yes <input type="radio"/> No <input checked="" type="radio"/> If yes, list revisions required:</p> <p>No revision needed to EAP during December 2017 review/table top drill.</p>

Appendix A Supplement: Plans for Training, Exercising, and Updating the Amos Bottom Ash Pond Complex Emergency Action Plan

Training and Updating:

The purpose of an annual review and training of the EAP is to ensure that all contact information listed in the notification charts is accurate and that the owner/operator of the dam and local first responders are familiar with the EAP and understand their respective roles in responding to a dam emergency. Local County Emergency Management Agency/first responders should be invited to attend the annual training for a face-to-face meeting and to have a general sense of familiarity with the dam site. A review of and training for the John E. Amos Bottom Ash Pond Complex EAP will occur on an annual basis. The plant manager, Aaron Sink or his/her representative will be responsible for updating and, if revisions are necessary, distributing copies of the revisions. Copies of all updated or revised pages will be provided to all holders of the EAP.

A copy of the most current EAP will be kept by the following parties or the distribution list located in Part IV of the Bottom Ash Pond Complex EAP.

- AEPSC- Geotechnical Engineering
- Jon Webster, Environmental Supervisor – John E. Amos Power Plant
- Putnam Count Office of Emergency Management

EAP Exercises:

In addition, the dam owner/operator should work with local emergency management and other first responders to determine what opportunities exist to conduct or participate in a dam related EAP exercises, such as tabletop emergency exercises. Records/summaries of all EAP exercises should be documented in the EAP. In addition, any changes to the EAP stemming from justified concerns raised by anyone participating in any EAP exercise should be documented and distributed to all holders of the EAP.

EAP Training Record Form

Use this form to record training sessions. File the completed form in the EAP. A thorough review of all items in the EAP should be discussed during training. Appropriate employees and EAP team members should attend the training session, annually or participate in a simulated exercise.

TRAINING LOCATION:

John E. Amos Plant

DATE: December 19, 2017

TIME: 2:15pm

INSTRUCTOR: Jon P. Webster

CLASS SIGN-IN

Christy Lawrence – Amos PEC	
Hrudaya Kanth – Amos PEC	
Jeffrey Jackson – Amos Plant Express Rep.	
William Hampton – Amos Energy Prod. Supv.	
Larry Harrison – Amos PEC	
Robert Kinder – Amos Operations Spec.	
Jon Webster – Amos Environmental Supv.	

Summary and Commentary:

REVIEW AND UPDATE OF THE PLAN

This plan will be reviewed and updated annually and a thorough review of the entire plan will be conducted in intervals not to exceed five years. Document these reviews below:

Year 1:

Date of review: June 16, 2017

Date of revisions send to EAP holders: July 14, 2017

Notes: EAP reviewed and revised through work with AEP Geotechnical Services. Work focused on maintaining compliance with WVDEP Dam Safety requirements as well as addressing Coal Combustion Residual (CCR) regulations.

Year 2:

Date of review: _____

Date of revisions send to EAP holders: _____

Notes:

Year 3:

Date of review: _____

Date of revisions send to EAP holders: _____

Notes:

Year 4:

Date of review: _____

Date of revisions send to EAP holders: _____

Notes:

Year 5:

Date of review: _____

Notes:

Simulated Emergency/ Tabletop Exercise Record Form

Date Exercise Conducted:	December 19, 2017
Participant Sign-In:	
Christy Lawrence – Amos PEC	Kris Gibson – Asst. Dir. – Putnam County EMS Frank Chapman – Dir. – Putnam County EMS
Hrudaya Kanth – Amos PEC	
Jeffrey Jackson – Amos Plant Express Rep.	
William Hampton – Amos Energy Prod. Supv.	
Larry Harrison – Amos PEC	
Robert Kinder – Amos Operations Spec.	
Jon Webster – Amos Environmental Supv.	
Type of Simulation Conducted:	<p><i>Circle Emergency Type and provide general description of scenario.</i></p> <p>Emergency Water Release</p> <p>Watch Condition</p> <p>Imminent Dam Failure</p> <p>Actual Dam Failure</p>

<p>Comments/Results of Exercise:</p>	<p>Review & Discussion of Emergency Action Plan (EAP) and described the definitions for Condition Response. Review of Plant Bottom Ash Pond Complex operation and the potential for any discharge through the pipe from the Recirc. Pond defined an Emergency/Evacuation Condition of the EAP. This was explained due to the Recirc. Pond pipe discharge is considered an Overtopping or Activation of the Emergency Spillway.</p>
<p>Revisions Needed to EAP Based on Results of Exercise?</p>	<p>Yes No If yes, list revisions required:</p> <p>No revision needed to EAP during December 2017 review/table top drill.</p>