

# Request for Public Comment



## Engineering Evaluation/Cost Analysis (EE/CA) Report on Non-Time-Critical Ash Removal

TVA wants to hear from you about the next phase of work on the Kingston Ash Recovery Project. To help describe the alternatives being considered for site cleanup, TVA has published an EE/CA Report.



SEE REVERSE SIDE FOR INFORMATION  
FEBRUARY 15, 2010

## What is an EE/CA Report?

The EE/CA Report describes the objectives of the removal action in the embayment and dredge cell areas and compares three alternatives for restoring the environment impacted by the spilled fly ash. The EE/CA Report is available for public review and comment through April 5, 2010.

A separate EE/CA Report for residual ash in the river system will be prepared after time-critical dredging is completed.

## What are the alternatives?

### ALTERNATIVE 1

- **Ash Removal:** 2.8 million cubic yards (cy) of ash from embayment
- **Dredge Cell:** 10.8 million cy graded for drainage and dike installed to keep ash from entering embayment in future
- **Disposed:** 2.8 million cy offsite; 10.8 million cy onsite; 4.0 million cy in ash pond
- **Dredge Cell Height:** 790 ft. above sea level (Swan Pond Rd. is 765 ft.)
- **Disposal Traffic:** 380 trains for 19 months, or 280 trains and 35,000 trucks for 14 months
- **Project Duration:** 2.8 years to close dredge cell plus 10 months to close ash pond
- **Cost:** \$440 million to \$450 million

### ALTERNATIVE 2

- **Ash Removal:** 6.8 million cy of ash from embayment and dredge cell
- **Dredge Cell:** 6.8 million cy of remaining ash graded to gradual slope
- **Disposed:** 6.8 million cy off-site; 6.8 million cy in dredge cell; 4.0 million cy in ash pond
- **Dredge Cell Height:** 765 - 780 ft. above sea level
- **Disposal Traffic:** 910 trains for 45 months, or 810 trains and 35,000 trucks for 39 months
- **Project Duration:** 4.1 years to close dredge cell plus 10 months to close ash pond
- **Cost:** \$720 million to \$740 million

### ALTERNATIVE 3A

- **Ash Removal:** 2.5 million cy of ash from embayment with on-site disposal in the closed dredge cell

- **Dredge Cell:** 13.6 million cy stacked in closed dredge cell
- **Disposed:** None off-site; 13.6 million cy in closed dredge cell; 4.0 million cy in ash pond
- **Dredge Cell Height:** 805 ft. above sea level
- **Disposal Traffic:** None
- **Project Duration:** 4 years to close dredge cell plus 10 months to close ash pond
- **Cost:** \$320 million

### ALTERNATIVE 3B

- **Ash Removal:** 2.5 million cy of ash from the embayment with on-site disposal spread across the closed dredge cell and ash pond.
- **Dredge Cell:** 17.6 million cy of ash spread across the closed dredge cell and ash pond
- **Disposed:** None off-site; 17.6 million cy spread across closed dredge cell and ash pond
- **Dredge Cell Height:** 790 ft. above sea level
- **Disposal Traffic:** None
- **Project Duration:** 4.1 years to close all
- **Cost:** \$270 million

## How do you provide comments?

The EE/CA Report is available for review at [www.tva.gov/kingston/eeeca](http://www.tva.gov/kingston/eeeca) or at:

**TVA Outreach Center**  
509 N. Kentucky Street  
Kingston, Tennessee  
(865) 632-1700

**Kingston Public Library**  
1004 Bradford Way  
Kingston, Tennessee  
(865) 376-9905

These same documents are available on computer disk at the following location:

**Harriman Public Library**  
601 Walden Street, Harriman, Tennessee  
(865) 882-3195

Comments about the EE/CA Report may be submitted until April 5, 2010. All public comments will be considered before a final decision is made on the cleanup alternatives.

Comments may be mailed to TVA, P.O. Box 40, Kingston, TN 37763-0400, or e-mailed to [kingstoncomm@tva.gov](mailto:kingstoncomm@tva.gov).