

Tennessee Valley Authority
Regulatory Submittal for Kingston Fossil Plant

Documents submitted:
Rail Modification Work Plan

Date Submitted:
12/09/2009

Submitted to whom
Leo Francendese

Concurrence

Received Not Applicable

TVA

Mike Scott
Steve McCracken
Kathryn Nash
Dennis Yankee
Michelle Cagley

Received Not Applicable Jacobs

John Moebes
Donna Cueroni
Jack Howard
Butch Parton

Approvals

TVA

Michael T. Scott

Date

12/9/09

EPA

Leo

Date

12/10/09

consulted w/ TDEC

cc:

- Anda Ray, TVA
- Barbara Scott, TDEC
- Leo Francendese, EPA
- Mike Scott, TVA
- Dennis Yankee, TVA
- Kathryn Nash, TVA
- Cynthia Anderson, TVA
- Steve McCracken, TVA
- EDM
- Julie Pfeffer, Jacobs
- David Stephenson, TVA
- Michelle Cagley, TVA
- Greg Signer, TVA
- KIF Incident Document Control
- Katie Kline, TVA
- Gretchen Wahl, Jacobs
- Dannena Bowman, EPA
- Jeff Gary, Jacobs
- Robert Pullen, Jacobs

Rail Modifications Work Plan

1.0 Purpose of Work

This work plan is to install track and switches to improve rail shipments of ash from the TVA Kingston site to Perry County, Alabama and to improve car movement on-site minimizing the number of times Swan Pond Road is blocked.

2.0 Design Components

This project consists of several design components and locations within the Kingston site. All rail work will be constructed to Norfolk Southern Standards. A general discussion of each of the components as follows.

- Construct new rail spur 15A. This rail spur will tie into the north end of the yard and will require the movement and addition of several switches.
- Tie new rail spur 15A and existing rail spur 16 into the south end of the existing rail yard.
- Construct a new rail spur from existing Ash Track 1 into the south end of the existing rail yard.
- Rework several switches to the south end of the rail yard to accommodate the above new construction.
- Rework the existing plant entrance road to tie into the new rail spur from Ash Track 1 to the south end of the rail yard.
- Extend pipes and place fill to accommodate the new rail spur where it crosses the existing Red Water Ditch.
- Construct an access road on the outside of Ash Track 1 to improve the efficiency of placing polymer in the rail cars after loading.

The above modifications are to relocate the majority of the ash rail switches to the south of the existing rail yard and to minimize the blockage of Swan Pond Road. See the attached sketch for location of this work.

3.0 Construction Management

The construction will be accomplished with normal road and rail construction equipment. The rail base, drainage and road work will be accomplished by Civil Projects and the rail work will be accomplished by Queen City Rail.

The construction shall also be accomplished following the normal BMPs as set forth by the Tennessee Department of Conservation Erosion and Sediment Control Manual.

4.0 Schedule

The design portion of this activity began on November 24, 2009. Construction is anticipated to begin no later than December 18, 2009 and be completed by January 31, 2010.

5.0 Waste Management

Used cross-ties and rail will become a waste stream for this project as well as a small amount of material from clearing and grubbing activities. These waste streams shall be handled per the site Waste Management Plan.

6.0 Health and Safety

All construction activities will be done in accordance with site-wide Health and Safety Plan.



LEGEND:
 EXISTING TRACK CENTERLINE
 PROPOSED TRACK CENTERLINE
 TRACK TO BE REMOVED OR SUSPENDED

OPTION "C"
 CONCEPTUAL TRACK MODIFICATIONS
 TVA KINGSTON FOSSIL PLANT
 KINGSTON, ROANE COUNTY, TN.

DRAWN BY:
 J. J. GIBSON
 ENGINEER
 ROANE COUNTY, TN
 1000 W. MAIN ST.
 KINGSTON, TN 37760
 615-593-1232

SCALE: 1" = 100'
 DATE: 10/15/2008

Parton, Franklin M Jr

From: MEdmands@qcik.com
Sent: Friday, December 04, 2009 5:07 PM
To: Parton, Franklin M Jr
Cc: Howard, Jack L
Subject: RE: Rail Modifications Work Plan.doc

With that information, the work plan is acceptable to us.

Thanks,
Mark Edmands
Project Manager
Queen City Railroad Construction, Inc.
(865) 692-1902 x31
Fax (865) 694-6356