

**Tennessee Valley Authority  
Regulatory Submittal for Kingston Fossil Plant**

**Documents submitted:**  
**Swan Pond Road Construction Entrance Work Plan**

**Date submitted**  
**6/19/2009**

**Submitted to whom**  
**Leo Francendese, EPA**

**Concurrence**

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## **Swan Pond Road Construction Entrance Work Plan**

### **1.0 Purpose of Work**

The main construction entrance into the site has been eliminated due to the rail spur construction and equipment transfer into and out of the site has been limited. This work plan is to construct a new entrance from Swan Pond Road. The new entrance would be located several hundred feet north of the old entrance and would accomplish a couple of things. It would separate the construction traffic from the office support traffic and would minimize congestion at the rail spur. It would also provide room for wheel washes, guard station (if needed), decontamination station and other items as needed at the exclusion zone boundary. Most importantly, it would provide the only viable entrance to the site for large vehicles, especially trucks carrying heavy equipment.

### **2.0 Design Components**

The new entrance would be designed to accommodate tractor trailer and low-boys that would be hauling construction equipment into and out of the exclusion zone. This would provide a better access to the site. The new entrance would be wide enough to get the equipment off of Swan Pond Road. The new entrance would also provide better sight distance entering Swan Pond Road (see the attached sketch). The new entrance would tie into an existing haul road system within the failed dredge cell.

### **3.0 Construction Management**

The construction will be accomplished with track hoes and construction haul vehicles. Only rock and fabric would be brought onto the site. The site is within the failed dredge cell so no fly ash or bottom ash would be brought in for construction activities. The existing fly ash would be graded and recontoured as necessary to allow for appropriate construction and drainage.

### **4.0 Schedule**

The new entrance would be constructed as soon as approval is granted. Temporary facilities are currently in place that allow short-term movement of Jersey barriers as the need is immediate.

### **5.0 Waste Management**

No waste will be generated by this work.

### **6.0 Health and Safety**

All construction activities will be done in accordance with site-wide Health and Safety Plan. Dust control during placement of rock and interface of heavy equipment with Swan Pond Road traffic are the major areas requiring care.