

JPT Meeting Summary

Date: September 13, 2006

Time: 10:00 AM

Project: JSF CO2 System

DCN: JSF-06-1031

Purpose: Design Review

Recorded By: Jeff L. Gray

Attendees:

Ron Purkey, EDS Civil Engr. Manager

Jeff L. Gray, Responsible Engr.

Bennt Foshee, Project Engr.

Mike Wagner, JSF Plant Manager

Kenneth E. Lewis, Plant Engineering Manager

Denver Bennett, JSF System Engr.

Doug Shaffer, RSO&E Mechanical Engr.

Melisa Dixon, RSO&E Civil Engr.

Mike Hart, GUBMK Elect. Superintendent

Denver Bennett, JSF System Engr.

Larry White, JSF Outage/Project Supr.

Jim Berros, Project Manager

** Terry Pruitt, EDS Electrical Engr.

** Randy Iserman, Electrical Engr. (Worley Parsons)

** Darrel Cross, Electrical Engr. (Worley Parson)

** Attended meeting via telephone

Actions\Discussion:

1. A propane generator will not be installed as a backup power source for the CO2 system. Doug Shaffer recommended installing a propane CO2 vaporizer instead. The propane vaporizer will be installed adjacent to the CO2 storage tank. The propane vaporizer will allow the plant to vaporize the liquid CO2; bypass the CO2 injection system installed and put the CO2 gas in the Ash Pond via spargars when power is interrupted from Holston Electric Corporative. The propane CO2 vaporizer system uses more CO2 gas than the injection system and must be monitored and adjusted manually to keep the pH level within the desired range. The propane vaporizer will allow the plant to operate the CO2 system for at lease three days while the utility company works on restoring the power. The vaporizer system will also allow the plant to bypass the injection system if a component of the injection system (pump, PLC, etc...) needs repairing\replacing. Doug Shaffer will get an estimate from TOMCO for providing the vaporizer and forward it to Jeff Gray.

Doug Shaffer will issue the tank specification to TVA Chattanooga Procurement Friday, September 15th. An addendum will be added to the specification later to provide the vaporizer once the estimate is received and approved by the JPT.

Darrel Cross will provide a transfer switch so a portable 600A generator can be connected to the system if needed.

2. The propane vaporized system will be tested monthly.
3. Strainers will be provided to prevent the submerged pumps from getting clogged. An alarm will sound if the pump inlet gets clogged.
4. Randy Iserman will contact GAF to see how they sealed around their probe in order to submerge it in the ash pond and report to the JPT September 20th.
5. The reinforced concrete floor slab of the prefabricated CO2 controls building will be sloped for spill containment.
6. Darrel Cross will provide a grounding grid for the project (fences, stairs, concrete foundations, etc...).
7. The footbridge will be installed 5 feet above the ash pond water level. One set of steps will be provided to allow access to the footbridge. The footbridge and all steps will be constructed from **either galvanized or aluminum**galvanized materials. Wood steps will not be installed.
8. A fence with double gates will be provided at entrance to the north side of the finger dike. It will not be necessary to install the fence around the CO2 controls building.
9. 10% / 50% Design Review meeting at JSF October 11, 2006.
10. 100% Design Review meeting at JSF November 8, 2006.
11. The scope is frozen. No additional project scope changes will be allowed. The PPD will be revised to incorporate the schedule changes, add the propane vaporizer, and add the probe cleaner.