

**JPT Meeting Agenda Rev. 1**  
**Wednesday October 5, 2005, 9:00 AM EDT**  
**KIF EPRI I&C Center Classroom**

1. FGD Program Status (Gary Nuyt)
2. Overview of KIF Project Schedule Milestones (Tom Myers)
3. FGD Layouts (Roger Wright)
  - Optimum 2-Module Configuration for FGD Facilities
  - New Booster Fans Spacing
  - Electrical Building Layout
  - Fox Building Layout
  - Limestone Prep Building Layout
  - Maintenance Building Layout
  - Control Room Layout
  - Service Building Layout
4. Possible Relocation/Replacement of Units 5-9 Existing ID Fans (Keith Benton)
  - Update from Tuesday Discussion & NPV Analysis
5. Limestone Preparation (Keith Benton)
  - Sizing of Limestone Storage Day Bin
  - Number and Size of Ball Mills
6. Draft System (Keith Benton) ← SHIPT COMPUTERS HERE
  - Transient Analysis Status
  - Axial Fan Status
7. Civil Issues (Gary Ferguson/Ed Lacoste)
  - Existing Units 1-4 ID Fans Access Issues
  - Renovation of Main Parking Area
    - Removal of Guard Shack
  - Permanent Security Fencing
  - Area Drainage Options
  - Spoils Pile
8. Status of Potential Early Construction Activities (Tom Myers)
9. Peninsula Gypsum Pond/Dewatering Facility Layout (Dan Smith)
10. Construction Facilities (Gary Ferguson)
  - Security Plan and Contractor Vehicle Access
  - Heavy Haul Access across Plant Grounds
  - TVA/Advatech Construction Facilities
  - Contractor Trailers
  - Warehousing Requirements
11. Planned On-site Activities for the Upcoming Month (Ronnie Stewart)
  - Geotechnical Evaluations / Core Borings (October)
  - Underground Investigations – Hydro-excavation (October)
  - Miscellaneous Site Visits (by Design Team)

**MAJOR DESIGN DECISIONS TO BE MADE DURING STUDY PHASE**

1. Location of Project Structures – General Arrangements
2. Size, Number and Configuration of Modules
3. Electrical – Source of FGD Power - Permanent & Construction (Permanent – Complete, Construction – Complete)
4. Draft System
5. Operational or Maintenance Bypass (Full Operational Bypass Recommended pending Senior Management Approval)
6. Scrubber Operation Philosophy
7. Possible Relocation of ID Fans on Units 5-9
8. Possible Replacement of ID Fans on Units 1-4 (Complete – Not being pursued)
9. Number and Type of Booster Fans (Four Axial Fans pending Vendor Site Trips)
10. Duct Arrangements
11. Damper Types and Locations
12. Source of Water Supply (Complete)
13. Chimney Height
14. Chimney Liner Winding Method
15. Type of Control Equipment (DCS vs. PLC)
16. Storm Water Discharge Issues
17. Limestone Supply, Receiving and Handling
18. 6.9 KV vs. 4160 KV (Complete – 13.8 KV & 4160V)
19. Contactors vs. Switchgear
20. Effluent Line Routing and Materials
21. Maintenance Facility Needs

**NEXT MEETING**

1. Date: Wednesday, November 09, 2005
2. Time: 9:00 AM (EDT)
3. Location: KIF EPRI I&C Center Classroom

**ACTION ITEMS**

1. Dave Robinson to head a team with Tom Myers to develop a communication plan and set up a public meeting (Work in Progress).
2. The project team will provide feedback on the frequency of planned FGD outages and duration including information on what Duke Power plans to do for outages on their single module FGD tied to Marshall Units 1&2 (Work in Progress).
3. Advatech to get estimates on Limestone vs. Pavement (straight runs only leaving the intersections rock) on the section of road between the limestone pile and Swan Pond Rd (Work in Progress).
4. Advatech and Plant to work out spoils and borrow areas on-site for the FGD Construction (Work in Progress).
5. Lynn Petty's group to evaluate the need for a turning lane addition on HWY 70 (Work in Progress).
  
8. Advatech to develop a preliminary plan and schedule for the tie-in outage(s) on the relocation/replacement of the Units 5-9 fans (Work in Progress).
9. Advatech to evaluate the design impacts in burning 3.1 lb/SO<sub>2</sub> coal and 5 lb/SO<sub>2</sub> coal and the effects on the FGD/Limestone operations (Work in Progress).
10. Bob Rehberg to collect a composite list of questions from Fossil Engineering and the Plant on the axial fans for Howden and/or TLT to answer. Advatech to assist in setting up a site visit at Howden or TLT (Work in Progress).

**TENNESSEE VALLEY AUTHORITY  
KINGSTON FOSSIL PLANT**

**KIF FGD PROJECT**

11. Tim Lee will get the Advatech report and recommendation on axial fans to Systems and Components for review (Complete).
12. Advatech to develop a DCS block diagram based on this week's discussions and develop a list of information they would propose to go to the main control room (Work in Progress).
13. Darrin Church/TPS to develop a drawing showing the proposed permanent power pole/line routing to the Project Team (Work in Progress).
15. The Project Team (Ron Lautigar) will provide a training session for the Plant by Siemens on Contactors (Work in Progress).
16. Mitch Latsch will work on the CEC for moving the spoils pile out of the future limestone handling area (Work in Progress).
17. Cat to provide minimum dimensions for the grove required to lift the existing Units 2&3 ID Fans and Motors (Work in Progress).
19. The Project Team (Woody Milligan) to evaluate providing a front end loader for limestone handling (Work in Progress).