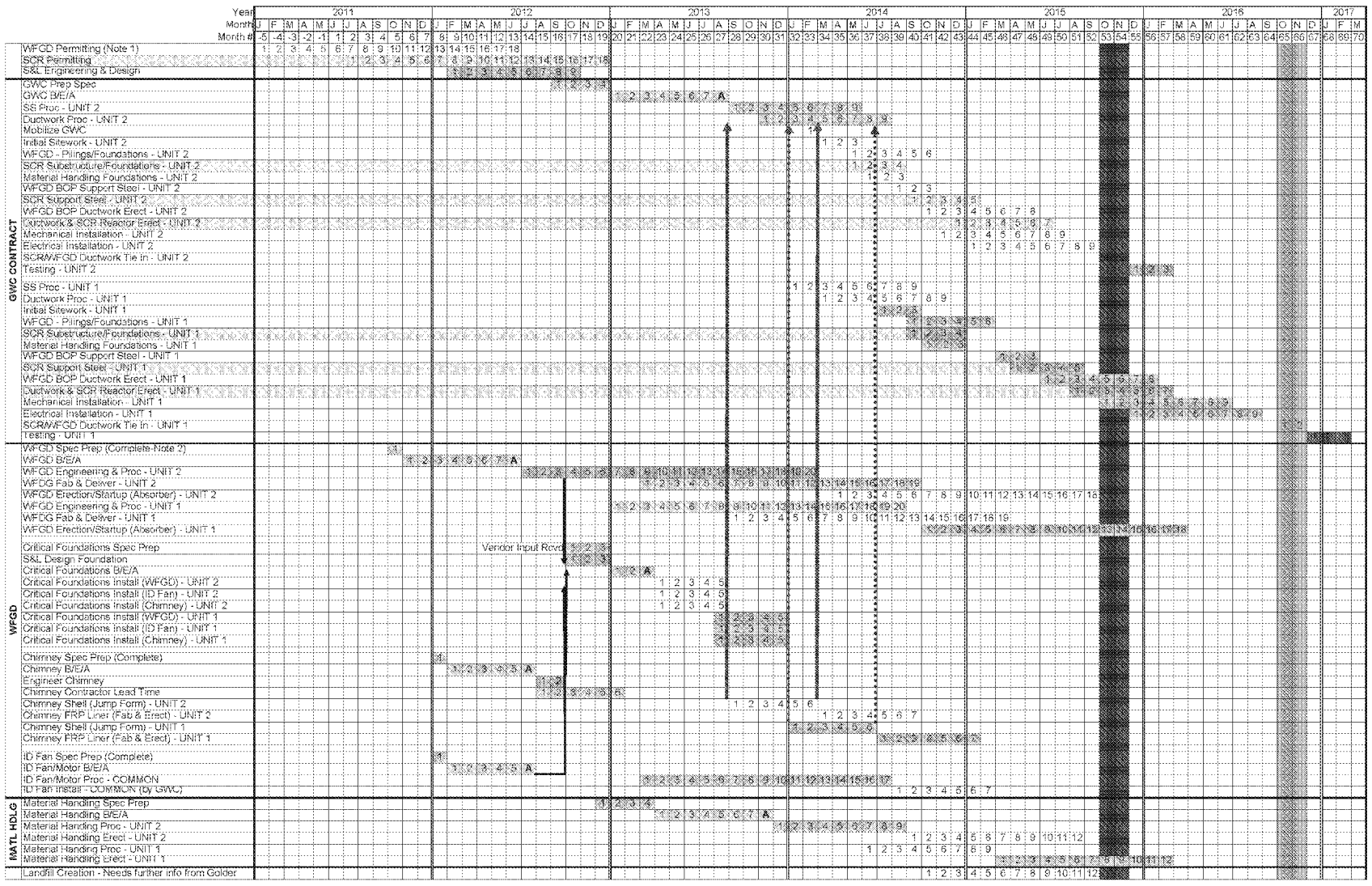
Question 1

12681-006

NPPD
Gerald Gentleman Station
Preliminary MPCE Implementation Schedule-Fall Outages

Run Date: 6/28/2011



Schedule Basis Notes:

1. Zero Float Scenario for Unit 2
2. Contracting strategy basis is consistent with NPPD letter #203
3. Unit 1 chimney installation extends into winter
4. Critical foundation pours for Unit 1 are during winter months
5. Unit 2 ESP Demo/Bypass Tie in scheduled to meet 2012 Outage
6. SCR start for Unit 2 at Month 5, 45 months overall
7. Bid, Evaluate & Award durations (B/E/A) included are:
   - > WFGD - 9 months
   - > SCR Package - 7 months
8. Post outage startup, shakeout and testing, 3 months included
9. Durations are based on the market conditions as of December 2009. Project schedule is very sensitive to these conditions
10. Steel and ductwork designed by S&L with procurement and fabrication by the GWC
11. Permit starts assume 18 months to prepare; 12 months from submittal to receipt
12. Permit receipt date is driven by NPPDs request to have the permit in hand at time of contract award

Opportunities:

1. The post outage startup, shakeout and testing period of 3 months might be able to be shortened for the second unit based on the lessons learned on the lead unit
2. Steel and ductwork procurement and fabrication separate from the GWC provides and opportunity to shorten the schedule
3. Install popcorn ash screens in an outage prior to the tie in outage. This allows for screen operating experience in advance of the SCR being placed in service
4. Permit in-hand just prior to construction in-lieu at the time of WFGD award would result in the start of permitting 8 months later than currently shown.

1. FGD permitting must be compressed to about 12 months.
2. FGD technical specification and contract forms complete for 11/1/11 bid issue.

NPPDRH114_0002489

ED_005798_00000354-00001