FCC Revamp Discussion

• Discussion of two previous presentations
  • “Innovative Technology Drives Greater Flexibility for FCC Revamps”; UOP
  • “FCC Revamp Solutions”; Technip Stone & Webster Process Technology

• Other Issues?
FCC Revamp Discussion

• Why Revamps? Reasons
  • Routine Maintenance
  • Capacity Changes
  • Product Changes/Specifications
  • Feedstocks Changes
  • Environmental

• Other Issues?
FCC Revamp Discussion

Case

• Unblocking 1 set of Reg Cyclones from previous TA, revamping Reactor Stripper
• After Startup catalyst losses both sides.

1st Question?
FCC Revamp Discussion

Case: Unblocking 1 set of Reg Cyclones from previous TA, revamping Reactor Stripper

1st Question?

• Why the changes? Reasons?
  • Central Engineering
  • No major operating changes
  • Same air rate, conversion, capacity, coke burning rate

• Don’t Fix What’s Not Broken