NHDS & Reformer Integrity Project
Cherry Point Refinery

NHDS & Reformer Integrity Project

Project Background:
- The Cherry Point Refinery was built in 1971
- Refinery crude slates have changed
- Cycle lengths down to six months

Project Goal:
- Address future gasoline requirements
- Integrity management
- Increased safety
- Operational flexibility
- Energy savings
Project Execution

• Contributions of hundreds of skilled and talented individuals

• We chose contractors due to
  ❖ Long-term relationships
  ❖ Successful experience at Cherry Point

• Primarily local contractors
  ❖ Anvil Corporation – Engineering
  ❖ Diamond B – Major Mechanical
  ❖ Mills Electric – Electrical/Instruments
  ❖ PCI – Insulation and Painting
  ❖ Barnhart – Cranes and Heavy Haul
  ❖ Safeway Scaffolding – Scaffolding
  ❖ WRS – Civil Excavation
Project Stats
• Total Installed Cost (TIC): $47.7 Million
• Engineering Started March 2013
• Engineering Completed March 2014
• Construction Started March 2014
• Mechanical Completion May 2015

Safety Performance
• OSHA Incident Rate: Zero
• Lost Work Day Cases: Zero
• Total Hours Worked: 349,091
• First Aids: 19
Installed Quantities

• Drawing Count – 842
• Data Sheets – 1,005
• Concrete – 482 Cubic Yards
• Steel – 133 Tons
• Equipment – 12 Items
• Pipe – 7,065 Feet
• Electrical – 20,135 Feet
• Instrument Count – 309
Cherry Point Refinery

NHDS & Reformer Integrity Project
Cherry Point Refinery

NHDS & Reformer Integrity Project
Cherry Point Refinery

NHDS & Reformer Integrity Project
Questions?