Deep Conversion Project

History
The Deep Conversion Project (DCP) was announced on February 12, 2008. The $2.2 billion project is scheduled for commissioning in 2011 and will log more than 7 million workhours upon completion.

Capacity
The project will build a 50,000 barrel-per-day coker, which will increase the facility's deep-conversion capacity and expand its ability to process heavy and sour crude oil. It will add 3 million tons per year of ultra low sulfur automotive diesel to the refinery's current production, raising total output of all products combined to around 12 millions tons per year.

Project involvement
The core project involves the construction of the following units:
- A Coker (deep conversion unit)
- A Vacuum Distillation Unit which prepares the coker feed
- Distillate Hydrotreater - DHT3
- Coker Naphtha Hydrotreater
- Hydrogen Purification - PSA
- Sulfur Recovery Unit
- In addition to the units, the power supply of the refinery will be modernized by connecting the new entity to the 230kV network.

Economic development
The project is expected to generate new economic development in Jefferson County and the Golden Triangle of Southeast Texas during construction.

Community involvement
The DCP will make contributions to the following organizations as a way to encourage workforce development in the community:
- ABC (Associated Builders and Contractors)
- Golden Triangle Empowerment Center
- Scholarships for Memorial High School students for process operating technology and construction management
- Minority Scholarships for IBEW and the Pipefitters Union
- Vocation School donations for Port Neches-Groves and Port Arthur ISDs

Safety milestone
The DCP has reached 1 million workhours without a recordable injury.