

ENTERGY Gretna, LA



Lamb provided Planning, Design and Construction services for Entergy's 3,000 s.f. corporate telecommunications hub. The facility was located in proximity to their fiber optic loop to minimize the cost of connecting to this network. The structure and systems were designed for maximum reliability with the following features:

- Hardened for hurricane category 5 with precast concrete wall panels on a steel frame and foam coated steel roof deck
- Foundation system of concrete pile caps on 100 foot deep steel piles
- Operations floor 14' above flood plain level
- Dual electric feeds backed up with a standby 250 kw diesel generator
- Dual 440 amp, 4 hour DC system for telecom equipment
- N+1 UPS system for transmission IT equipment
- Exterior connection for truck mounted additional generator.



Robert E. Lamb, Incorporated
Planning Design Construction