

COMMUNICATIONS FACILITY – Panama City, Florida

FUEL STORAGE SYSTEM REPLACEMENT

SCOPE Replace existing fuel storage tank with larger tank to provide extended generator run time for the local telecommunications facility serving this hurricane prone area.



Mechanical Contractor
Moran Environmental

Prime Consultant
Architectural Design Associates

Construction Cost
\$60,000

SPECIAL CIRCUMSTANCES

- Existing fuel storage system met the Owner's criteria for standby power generator run time, but extended run time as desired after the effects seen from the 2004 hurricane season.
- Project design and construction schedule was compressed to ensure completion before the start of the 2005 hurricane season.
- New 3,000-gallon aboveground concrete-encased fuel tank provides 200 hours of generator run time.
- All fuel piping between the tank and the building is installed in Schedule 40 steel piping to provide debris impact resistance.
- New fuel system was tested and functional one month before the area was impacted by Hurricane Dennis.

