

CRITICAL DATA/COMMUNICATIONS FACILITY – Atlanta, GA

NEW BUILDING

SCOPE Mechanical systems design and construction phase services for a new 2½-story, 100,000 sq. ft. central telephone switching facility. Building is designed for future growth to a total of 200,000 square feet.



Mechanical Contractor
W. B. Wallis Company

Prime Consultant
Howell Rusk Dodson/Guerra
Stoll Barker

Construction Cost
\$30,000,000 (total)
\$5,000,000 (mechanical)

SPECIAL CIRCUMSTANCES

- Design plans for future high-rise status for HVAC, Plumbing, and Fire Protection.
- All air handlers serving critical areas feature redundant supply fans and cooling coils.
- The chilled water system design is based on Owner's "N + 1" requirement incorporating 100% redundancy into the central plant.
- Two 10,000-gallon underground storage tanks provide emergency condenser water make-up to the cooling towers.
- The entire building can be powered by emergency generators that are supplied by two 25,000-gallon underground fuel tanks.

