

BARNEY M. DAVIS COOLING RESERVOIR

OWNER

Central Power and Light Co.

ENGINEER

Sargent and Lundy Engineers

LOCATION

14 miles southeast of Corpus Christi in Nueces County

DRAINAGE AREA

None - Water is pumped from Laguna Madre, an arm of Gulf of Mexico

DAM

Type Soil Cement Ring Levee located off water course with separate intake and spillway structures  
 Length 33,913 feet  
 Maximum height 26 + feet  
 Top width 12 feet  
 Top elevation 30 feet msl

SPILLWAY, SERVICE

Type Concrete broad crested weir  
 Control 6 slide gates  
 Crest elevation 18.5 feet msl

RESERVOIR DATA

Feature	Elevation (ft. above msl)	Capacity (acre-feet)	Area (acres)
Max. design water surface	26.0	6,600	1,099
Information from Texas Water Rights Commission files			

