

SQUAW CREEK DAM AND RESERVOIR (PROPOSED)

OWNER

Dallas Power and Light, Texas Electric Service Co. and Texas Power and Light

ENGINEER

Freese, Nichols and Endress

LOCATION

Approximately 4 miles north of Glen Rose

DRAINAGE AREA

64 square miles

DAM

Type Earthfill
 Length 4,700 feet
 Maximum Height 158 feet
 Top Width 20 feet
 Top Elevation 796.0 feet msl

SPILLWAY - Service

Type Broadcrested weir
 Crest Control None
 Crest Elevation 775.0 feet msl
 Crest Length 100 feet

SPILLWAY - Emergency

Type Broadcrest earth
 Crest Elevation 783.0 feet msl
 Crest Length 2,200 feet

OUTLET - Service

Type Gated tower
 Conduit 36-inch diameter pipe inside a 10 foot diameter conduit
 Low flow crest 657.0 feet msl

RESERVOIR DATA

Feature	Elevation (ft above msl)	Capacity (acre-feet)	Area (acres)
Max. water level	791.6		
Emergency spillway elevation	783.0	180,000	3,640
Normal water elevation	775.0	151,047	3,228

INFORMATION OBTAINED FROM

Application plans held by Texas Water Rights Commission prepared by Freese, Nichols and Endress, dated November 10, 1972

