

Dam: Pajarito Canyon Country USA

River Pajarito 35°51'12.71"N 106°17'39.87"W 35.853531 -106.294411

Owner/Client US Department of Energy (Los Alamos Lab.)/US Army Corps of Engineers

Designer/Engineer URS-Woodward-Clyde

Contractor Sundt Construction

Purpose (code) F

Site start 15.06.2000

RCC start 30.07.2000

RCC completion 29.08.2000

Site completion 30.09.2000

Height (m) 36

Length (m) 112

Volume of RCC (m³x10³) 48

Total volume (m³x10³) 48

Reservoir capacity (m³x10⁶) 8

Upstream slope V

Forming of upstream face (code) (15)

Downstream slope 1.00

Forming of downstream face (code) (17)

Spillway slope conduit

Forming of spillway face (code)

Depth of layers (mm) 300

Depth of lifts (mm) 300

Cement content (kg/m³) 148

Pozzolan content (kg/m³) 0

Code for pozzolan (-) -

RCCDAM Unique Serial No. RCCDAM0238

Google Earth



RCCDAM0238GE

Guide to Abbreviations

Purpose

- E Environmental
- F Flood control
- G Groundwater recharge
- H Flood control
- I Irrigation
- N Navigation
- P Pollution control
- R Recreation
- W Water supply

Facing method

- (1) Traditional concrete against formwork
- (2) Traditional concrete against formwork with external geomembrane
- (3) RCC against formwork
- (4) RCC against formwork with external geomembrane
- (5) Traditional concrete against precast concrete panels
- (6) Traditional concrete against precast concrete panels with geomembrane
- (7) RCC against precast concrete panels
- (8) RCC against precast concrete panels with geomembrane
- (9) RCC against precast concrete panels with hot poured membrane
- (10) RCC against precast concrete blocks
- (11) Reinforced conventional concrete cast before RCC placement
- (12) Reinforced conventional concrete cast after RCC placement
- (13) Reinforced concrete cast against precast units or slip-formed facing elements
- (14) Slip-formed/extruded facing elements
- (15) RCC supported by fill shoulders
- (16) Mechanically compacted unformed face of RCC
- (17) Unformed face of RCC
 - ' GEVR/GE-RCC
 - * Stepped face

Pozzolans

- (-) No Pozzolan Used
- (C) High-lime flyash (ASTM Class C)
- (F) Low-lime flyash (ASTM Class F)
- (M) Milled sand
- (N) Natural pozzolan (ASTM Class N)
- (R) ROLAC (mixture of flyash and slag with or without limestone fines)
- (S) Ground-granulated blast-furnace slag
- (L) Mixture of GGBFS and limestone fines