Dam:	Pengshui	Country	China
River	Changxi	29°12'3.11"N 108°11'52.37"E	29.200865 108.197884
Owner/Client	Datang International Power Generation Co. Ltd.		
Designer/Engineer	Changjiang Water Resources Committee, Investigation and Design Institute		
Contractor	8th, 14th and 7th Construction Bureaux		

Purpose (code)	H I
Site start	01.01.2005
RCC start	01.01.2006
RCC completion	31.12.2008
Site completion	31.12.2009
Height (m)	117
Length (m)	326
Volume of RCC (m^3x10^3)	608
Total volume (m^3x10^3)	1330
Reservoir capacity (m^3x10^6)	1465
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.70
Forming of downstream face (code)	(3')
Spillway slope	0.70
Forming of spillway face (code)	(1)
Depth of layers (mm)	*Unknown*
Depth of lifts (mm)	*Unknown*
Cement content (kg/m^3)	64 81
Pozzolan content (kg/m^3)	96 121
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0367

Completed Dam



RCCDAM0367CD

Google Earth



RCCDAM0367GE

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