Dam:	Silin	Country	China
River	Wujiang	27°48'5.85"N 108°11'17.38"E	27.802221 108.188164
Owner/Client	Guizhou-Wujiang Hydropower Development Corporation		
Designer/Engineer	Guiyang Hydropower Investigation, Design and Research Institute		
Contractor	8th Construction Bureau & Fujian (Minjiang) Construction Bureau		

Purpose (code)	F H I N
Site start	01.11.2005
RCC start	01.11.2006
RCC completion	31.03.2008
Site completion	31.12.2009
Height (m)	117
Length (m)	310
Volume of RCC (m^3x10^3)	825
Total volume (m^3x10^3)	1100
Reservoir capacity (m^3x10^6)	1593
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.70
Forming of downstream face (code)	(1)
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)	66 89
Pozzolan content (kg/m^3)	100 109
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0409

Under Construction



RCCDAM0409UC

Completed Dam



RCCDAM0409CD

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