Dam:	Yangxishui №1	Country	China
River	Yangxi	25°0'29.69"N 113°14'46.78"E	25.008247 113.24633
Owner/Client	Corporation of Energy Development, Ruyuan County, Guangdong Province		
Designer/Engineer	Insitute of Investigation and Design for Hydropower Projects, Guangdong Province		
Contractor	Gezhouba Construction Bureau		

Purpose (code)	H I
Site start	01.12.2000
RCC start	01.10.2001
RCC completion	30.11.2002
Site completion	30.06.2003
Height (m)	82
Length (m)	244
Volume of RCC (m^3x10^3)	241
Total volume (m^3x10^3)	340
Reservoir capacity (m^3x10^6)	100
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	V 0.75
Forming of downstream face (code)	(1) (1) *
Spillway slope	0.70
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	*Unknown*
Pozzolan content (kg/m^3)	*Unknown*
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0283

Google Earth



RCCDAM0283GE

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