Dam:	Bailongtan	Country	China
River	Hongshuihe	23°51'19.45"N 108°7'55.14"E	23.855404 108.131981
Owner/Client	Guangxi-Guiguang Electric Power Development Co. Ltd.		
Designer/Engineer	Institute of Design and Investigation of Electric Power, Guangxi		
Contractor	Guangxi Construction Bureau		

Purpose (code)	H I N
Site start	18.02.1993
RCC start	31.10.1995
RCC completion	30.04.1996
Site completion	31.08.1997
Height (m)	34
Length (m)	710
Volume of RCC (m^3x10^3)	62
Total volume (m^3x10^3)	80
Reservoir capacity (m^3x10^6)	340
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.70
Forming of downstream face (code)	(10) *
Spillway slope	0.70
Forming of spillway face (code)	(5) *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	73 99
Pozzolan content (kg/m^3)	110 60
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0170

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