Dam:	Shuidong	Country	China
River	Youxi	*DMS Co-ordinates Unknown*	*DD Co-ordinates Unknown*
Owner/Client	Fujian Shuikou Power Generation Group		
Designer/Engineer	Fujian Institute of Investigation and Design of Water Conservancy and Electric Power		
Contractor	Fujian (Minjiang) Construction Bureau		

Purpose (code)	H N
Site start	23.04.1991
RCC start	15.11.1992
RCC completion	31.10.1993
Site completion	30.12.1995
Height (m)	63
Length (m)	197
Volume of RCC (m^3x10^3)	126
Total volume (m^3x10^3)	184
Reservoir capacity (m^3x10^6)	108
Upstream slope	V
Forming of upstream face (code)	(7)
Downstream slope	0.75
Forming of downstream face (code)	(10)
Spillway slope	0.75
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	50
Pozzolan content (kg/m^3)	90
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0124

Completed Dam



RCCDAM0124CD

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