Dam:	Zhaolaihe	Country	China
River	Duhu	*DMS Co-ordinates Unknown*	*DD Co-ordinates Unknown*
Owner/Client	Changyang Electric Power Bureau		
Designer/Engineer	Hubei Institute of Investigation and Design of Water Resources and Hydropower		
Contractor	11th Construction Bureau		

Purpose (code)	H I W
Site start	28.12.2003
RCC start	15.03.2004
RCC completion	15.05.2005
Site completion	10.10.2005
Height (m)	107
Length (m)	206
Volume of RCC (m^3x10^3)	166
Total volume (m^3x10^3)	255
Reservoir capacity (m^3x10^6)	70
Upstream slope	curve
Forming of upstream face (code)	(3')
Downstream slope	curve
Forming of downstream face (code)	(3')
Spillway slope	*Unknown*
Forming of spillway face (code)	(3')
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	84 126
Pozzolan content (kg/m^3)	126 103
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0336

Completed Dam



RCCDAM0336CD

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