Dam:	Huilong PSS - Upper dam	Country	China
River	Huilonggou	*DMS Co-ordinates Unknown*	*DD Co-ordinates Unknown*
Owner/Client	Henan Electric Power Corporation		
Designer/Engineer	Yellow River Water Resources Committee, Investigation and Design Institute of Water Resources and Hydropower		
Contractor	Anneng Construction Ltd.		

Purpose (code)	H
Site start	01.06.2001
RCC start	01.11.2002
RCC completion	30.11.2003
Site completion	31.12.2005
Height (m)	54
Length (m)	208
Volume of RCC (m^3x10^3)	73
Total volume (m^3x10^3)	76
Reservoir capacity (m^3x10^6)	1
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.75
Forming of downstream face (code)	(3')
Spillway slope	none
Forming of spillway face (code)	*Unknown*
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.	RCCDAM0300

Under Construction



RCCDAM0300UC

Completed Dam



RCCDAM0300CD

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