Dam:	Guanyinge (Kwan-in-Temple)	Country	China
River	Taizi	41°18'50.93"N 124°08'55.64"E	41.314148 124.148788
Owner/Client	Guanyinge Reservoir Management Bureau		
Designer/Engineer	Institute of Liaoning Provincial Survey and Design of Water Conservancy and Electric Power, Liaoning Province		
Contractor	JIVC (including Liaoning Construction Bureau)		

Purpose (code)	F H I W
Site start	01.05.1990
RCC start	01.09.1991
RCC completion	05.09.1995
Site completion	31.10.1995
Height (m)	82
Length (m)	1040
Volume of RCC (m^3x10^3)	1240
Total volume (m^3x10^3)	1876
Reservoir capacity (m^3x10^6)	2168
Upstream slope	V 0.10
Forming of upstream face (code)	(1) (1)
Downstream slope	0.70
Forming of downstream face (code)	(1)
Spillway slope	0.70
Forming of spillway face (code)	(1)
Depth of layers (mm)	270 - 280
Depth of lifts (mm)	750
Cement content (kg/m^3)	91
Pozzolan content (kg/m^3)	39
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0157

Completed Dam



RCCDAM0157CD

Google Earth



RCCDAM0157GE

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