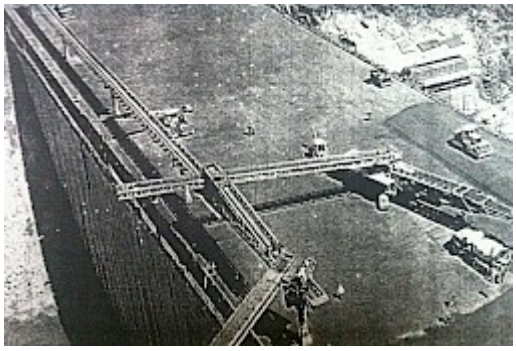
Dam:	Pangue	Country	Chile
River	Bio-Bio	37°54'37.8"S 71°36'42.12"W	-37.9105 -71.611702
Owner/Client	Empresa Electrica Pangue SA		
Designer/Engineer	INGENDESA		
Contractor	Dragados y Construcciones S.A. - GTMI J.V.		

Purpose (code)	H
Site start	01.01.1992
RCC start	01.02.1995
RCC completion	28.02.1996
Site completion	31.12.1996
Height (m)	113
Length (m)	410
Volume of RCC (m^3x10^3)	670
Total volume (m^3x10^3)	740
Reservoir capacity (m^3x10^6)	175
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.80
Forming of downstream face (code)	(3) *
Spillway slope	0.80
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	80
Pozzolan content (kg/m^3)	100
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0168

Under Construction



RCCDAM0168UC

Completed Dam



RCCDAM0168CD

Google Earth



RCCDAM0168GE

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