Dam:	Jordão	Country	Brazil
River	Jordão	25°38'43.65"S 51°57'25.61"W	-25.645458 -51.957115
Owner/Client	COPEL (Companhia Paranense de Energia)		
Designer/Engineer	COPEL		
Contractor	IVAI- Engenharia de Obras SA		

Purpose (code)	H
Site start	01.05.1994
RCC start	01.01.1995
RCC completion	28.02.1996
Site completion	30.09.1996
Height (m)	95
Length (m)	550
Volume of RCC (m^3x10^3)	570
Total volume (m^3x10^3)	647
Reservoir capacity (m^3x10^6)	110
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.74
Forming of downstream face (code)	(3) *
Spillway slope	0.74
Forming of spillway face (code)	(12)
Depth of layers (mm)	400
Depth of lifts (mm)	400
Cement content (kg/m^3)	60
Pozzolan content (kg/m^3)	15
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0167

Under Construction



RCCDAM0167UC

Completed Dam



RCCDAM0167CD

Google Earth



RCCDAM0167GE

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