Dam:	Santa Clara-PR	Country	Brazil
River	Jordão	25°38'43.65"S 51°57'25.66"W	-25.645458 -51.957127
Owner/Client	Elejor Centrais Elétricas do Rio Jordão S.A.		
Designer/Engineer	Intertechne/Triunfo		
Contractor	Construtora Triunfo Ltda		

Purpose (code)	H
Site start	29.11.2002
RCC start	16.12.2003
RCC completion	31.12.2004
Site completion	17.01.2005
Height (m)	67
Length (m)	543
Volume of RCC (m^3x10^3)	530
Total volume (m^3x10^3)	606
Reservoir capacity (m^3x10^6)	431
Upstream slope	*Unknown*
Forming of upstream face (code)	(1)
Downstream slope	*Unknown*
Forming of downstream face (code)	(1)
Spillway slope	*Unknown*
Forming of spillway face (code)	(1) *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	40
Pozzolan content (kg/m^3)	50
Code for pozzolan	(S)
RCCDAM Unique Serial No.	RCCDAM0330

Completed Dam

RCCDAM0330CD

Google Earth

RCCDAM0330GE

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