Dam:	Cova da Mandioca	Country	Brazil
River	Cova da Mandioca	14°46'03.63"S 42°47'44.29"W	-14.767675 -42.795635
Owner/Client	CODEVASF (Companhia de Desenvolvimento dos Vales do Sao Francisco do Parnaiba)		
Designer/Engineer	*Unknown*		
Contractor	*Unknown*		

Purpose (code)	I W
Site start	01.01.1993
RCC start	01.09.1993
RCC completion	30.12.1994
Site completion	30.12.1994
Height (m)	32
Length (m)	342
Volume of RCC (m^3x10^3)	75
Total volume (m^3x10^3)	79
Reservoir capacity (m^3x10^6)	126
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.75
Forming of downstream face (code)	(3) *
Spillway slope	0.75
Forming of spillway face (code)	(1) *
Depth of layers (mm)	400
Depth of lifts (mm)	400
Cement content (kg/m^3)	64
Pozzolan content (kg/m^3)	16
Code for pozzolan	(-)
RCCDAM Unique Serial No.	RCCDAM0147

Google Earth



RCCDAM0147GE

Completed Dam



RCCDAM0147CD

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