Dam:	Saco de Nova Olinda	Country	Brazil
River	Gravata	7°30'50.09"S 38°02'46.58"W	-7.513914 -38.046272
Owner/Client	SRH (Secretaria de Recursos□Hidricos)		
Designer/Engineer	ICOPLAN S.A.		
Contractor	Odebrecht/Servaz Consortium		

Purpose (code)	F I W
Site start	01.07.1985
RCC start	03.07.1986
RCC completion	28.10.1986
Site completion	30.06.1987
Height (m)	56
Length (m)	230
Volume of RCC (m^3x10^3)	132
Total volume (m^3x10^3)	143
Reservoir capacity (m^3x10^6)	97
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.80
Forming of downstream face (code)	(3) *
Spillway slope	separate
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	400
Depth of lifts (mm)	400
Cement content (kg/m^3)	55
Pozzolan content (kg/m^3)	15
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0028

Completed Dam



RCCDAM0028CD

Google Earth



RCCDAM0028GE

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