Dam:	Tucuruí - 2nd Phase	Country	Brazil
River	Tocantins	3°49'53.70"S 49°38'37.66"W	-3.831583 -49.643795
Owner/Client	Eletronorte SA		
Designer/Engineer	Themag-Engevix		
Contractor	Comargo Correa Comércio e Constro		

Purpose (code)	H
Site start	01.06.1998
RCC start	01.06.1999
RCC completion	30.09.2000
Site completion	31.10.2005
Height (m)	78
Length (m)	1541
Volume of RCC (m^3x10^3)	288
Total volume (m^3x10^3)	1383
Reservoir capacity (m^3x10^6)	45800
Upstream slope	*Unknown*
Forming of upstream face (code)	(3)
Downstream slope	*Unknown*
Forming of downstream face (code)	(3) *
Spillway slope	separate
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	70
Pozzolan content (kg/m^3)	30
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0240

Under Construction



RCCDAM0240UC

Completed Dam



RCCDAM0240CD

Google Earth



RCCDAM0240GE

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