Dam:	Chucas	Country	Costa Rica
River	Tárcoles	9°55'58.99"N 84°23'1.39"W	9.933052 -84.38372
Owner/Client	ICE (Instituto Costarricense de Electricidad - Costa Rican Institute of Electricity)		
Designer/Engineer	ENEL, Italy		
Contractor	SinoHydro Corporation (11th Construction Bureau)		

Purpose (code)	H
Site start	01.03.2011
RCC start	05.10.2014
RCC completion	31.12.2016
Site completion	31.12.2017
Height (m)	48
Length (m)	130
Volume of RCC (m^3x10^3)	180
Total volume (m^3x10^3)	200
Reservoir capacity (m^3x10^6)	450
Upstream slope	0.20
Forming of upstream face (code)	*Unknown*
Downstream slope	0.75
Forming of downstream face (code)	(3') *
Spillway slope	0.75
Forming of spillway face (code)	*Unknown*
Depth of layers (mm)	300
Depth of lifts (mm)	2500
Cement content (kg/m^3)	95
Pozzolan content (kg/m^3)	96
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0970

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