Dam:	Concepción	Country	Honduras
River	San Jose	13°59'22.96"N 87°15'46.90"W	13.989711 -87.263031
Owner/Client	Servicio Autonomo Nacional Acueductos y Acantarillados (SANAA)		
Designer/Engineer	Consortium of Servizi Techici Internazionali (I.T.S.) S.p.A and C.Lotti & Associati S.p.A) (CONC.I.L.)		
Contractor	Astaldi S.p.A.		

Purpose (code)	W
Site start	01.12.1988
RCC start	01.12.1989
RCC completion	30.06.1990
Site completion	31.08.1990
Height (m)	68
Length (m)	694
Volume of RCC (m^3x10^3)	270
Total volume (m^3x10^3)	290
Reservoir capacity (m^3x10^6)	35
Upstream slope	0.075
Forming of upstream face (code)	(2)
Downstream slope	0.80
Forming of downstream face (code)	(3) *
Spillway slope	0.80
Forming of spillway face (code)	(1) *
Depth of layers (mm)	400
Depth of lifts (mm)	400
Cement content (kg/m^3)	65
Pozzolan content (kg/m^3)	15
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0066

Completed Dam

RCCDAM0066CD

Google Earth

RCCDAM0066GE

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