Dam:	A Vuong	Country	Vietnam
River	Vugia Thubon	15°47'59.14"N 107°37'2.34"E	15.79962 107.617416
Owner/Client	EVN (Electrictie de Vietnam)		
Designer/Engineer	PECC2 (Power Engineering Consulting Company №2)		
Contractor	GCC4		

Purpose (code)	H
Site start	01.08.2003
RCC start	01.01.2006
RCC completion	30.10.2007
Site completion	30.11.2008
Height (m)	83
Length (m)	240
Volume of RCC (m^3x10^3)	260
Total volume (m^3x10^3)	350
Reservoir capacity (m^3x10^6)	340
Upstream slope	V
Forming of upstream face (code)	(1)
Downstream slope	0.80
Forming of downstream face (code)	(1)
Spillway slope	1.00
Forming of spillway face (code)	(1)
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	90
Pozzolan content (kg/m^3)	150
Code for pozzolan	(N)
RCCDAM Unique Serial No.	RCCDAM0390

Under Construction



RCCDAM0390UC

Google Earth



RCCDAM0390GE

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