Dam:	Nam Kong 3	Country	Laos
River	Nam Kong	14°34'21.27"N 106°55'9.09"E	14.572575 106.919189
Owner/Client	Chaleun Sekong Energy Co Ltd (CSE)		
Designer/Engineer	Pöyry Energy Ltd.		
Contractor	CGGC (China Gezhouba Group Co.)		

Purpose (code)	H
Site start	30.11.2017
RCC start	01.03.2019
RCC completion	10.02.2021
Site completion	29.11.2021
Height (m)	65
Length (m)	500
Volume of RCC (m^3x10^3)	347
Total volume (m^3x10^3)	400
Reservoir capacity (m^3x10^6)	471
Upstream slope	V
Forming of upstream face (code)	(3')
Downstream slope	0.75
Forming of downstream face (code)	(3') *
Spillway slope	0.75
Forming of spillway face (code)	(12)
Depth of layers (mm)	300
Depth of lifts (mm)	3000
Cement content (kg/m^3)	75
Pozzolan content (kg/m^3)	113
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM1067

Google Earth



RCCDAM1067GE

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