Dam:	Khun Dan Prakan Chon (formerly Tha Dan)	Country	Thailand
River	Nakhon Nayok	14°18'42.61"N 101°19'16.3"E	14.311836 101.321198
Owner/Client	Royal Irrigation Department		
Designer/Engineer	Coyne et Bellier, Asdecon & Team Consulting Engineers		
Contractor	CCVK Joint Venture (Vichitbhan Construction Co. Ltd., Krungthon Engineers Co. Ltd. and China National Water Resources and Hydropower Engineering Corp.)		

Purpose (code)	I
Site start	01.11.1999
RCC start	01.03.2001
RCC completion	02.07.2004
Site completion	14.01.2005
Height (m)	95
Length (m)	2600
Volume of RCC (m^3x10^3)	4900
Total volume (m^3x10^3)	5400
Reservoir capacity (m^3x10^6)	224
Upstream slope	V 0.40
Forming of upstream face (code)	(14)
Downstream slope	0.80
Forming of downstream face (code)	(14) *
Spillway slope	0.80
Forming of spillway face (code)	(14) *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	90
Pozzolan content (kg/m^3)	100
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0313

Under Construction



RCCDAM0313UC

Completed Dam



RCCDAM0313CD

Google Earth



RCCDAM0313GE

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