Dam:	Mae Suai	Country	Thailand
River	Mae Suai	19°40'51.02"N 99°32'12.05"E	19.68084 99.536682
Owner/Client	Royal Irrigation Department (RID)		
Designer/Engineer	Coyne et Bellier - Team Consulting Engineers		
Contractor	Sisaeng Construction Co. Ltd. and China National Water Resource and Hydropower Engineering Corp. JV		

Purpose (code)	I
Site start	01.11.1999
RCC start	01.10.2000
RCC completion	31.01.2002
Site completion	31.07.2002
Height (m)	59
Length (m)	340
Volume of RCC (m^3x10^3)	300
Total volume (m^3x10^3)	350
Reservoir capacity (m^3x10^6)	73
Upstream slope	0.15
Forming of upstream face (code)	(15)
Downstream slope	0.80
Forming of downstream face (code)	(1) *
Spillway slope	0.80
Forming of spillway face (code)	(1) *
Depth of layers (mm)	300
Depth of lifts (mm)	300
Cement content (kg/m^3)	70
Pozzolan content (kg/m^3)	80 to 100
Code for pozzolan	(F)
RCCDAM Unique Serial No.	RCCDAM0271

Completed Dam

RCCDAM0271CD

Google Earth

RCCDAM0271GE

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