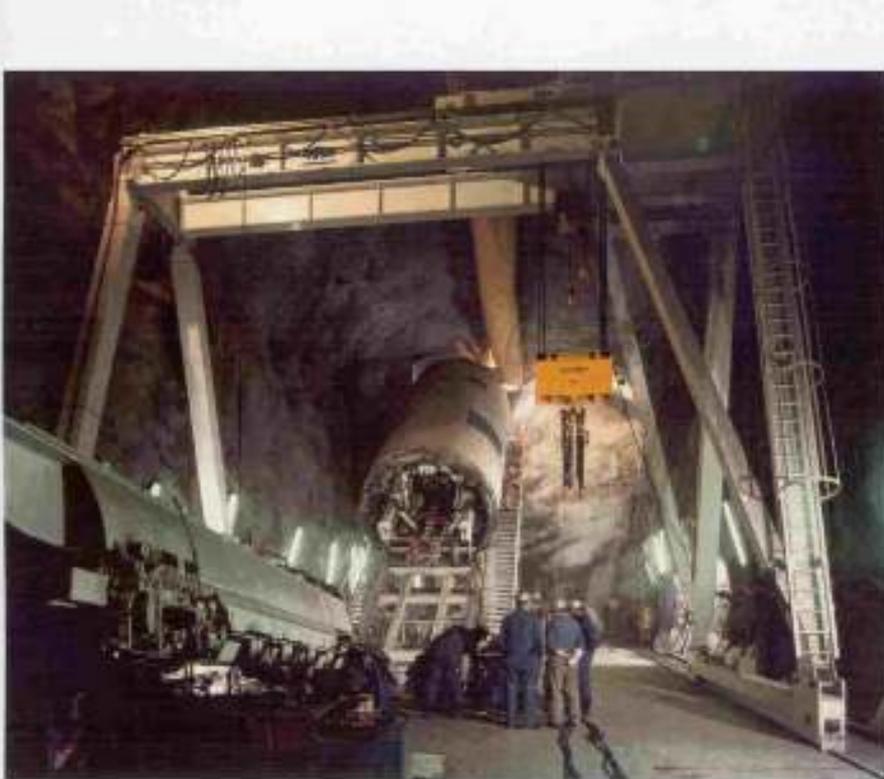


Rte de Vissigen 110
Case postale 4192
1950 Sion 4
+41(0)27 203 43 61

E-mail: info@praderlosinger.ch
www.praderlosinger.ch



Lot D: Double-Shield-Hard rock TBM: Starting position inclined 68%



Lot D: Steel Segment Lining in inclined shaft F5 „Dzerjonna“



GRAND-DIXENCE POWER PLANT *Cleuson-Dixence Lots C+D*

OWNER:

S.A. L'Energie de l'Ouest-Suisse (EOS),
Lausanne

ENGINEERS:

Lot C: Groupement d'ingénieurs Tracouet
Lot D: Communauté Valaisanne d'ingénieurs
Bonnard et Gardel Ingénieurs SA

CONTRACTORS:

Prader AG Tunnelbau, Zurich
Losinger SA, Sion
Bouygues SA, Paris
Locher & Cie AG, Zurich
Deneriaz SA, Sion
Seli SA, Rome
Evequoz SA, Conthey
Ulrich Imboden AG, Visp

EXECUTION:

1992 - 1998

JOB DESCRIPTION:

- Hydro pressure tunnel, 5.83m dia, length: 7.500m, bored with double shield TBM, lined with precast concrete hexagonal-segments.
- Inclined shaft, gradient 68%, 4.77m dia, length: 3.972m, bored with double shield TBM, lined with bolted precast concrete segments.
- Surge shaft, height 300m, pilot-shaft by raise-drill, 1.83m dia, enlarging to 7.50m dia by blasting.

GEOLOGY:

Sedimentary rock, upper and lower Carboniferous, schist and gneiss of the Nendaz series

Cleuson-Dixence Lots C+D

HYDRO PRESSURE TUNNEL



Lot C: Erection of concrete hexagonal segments



Surge Tank: Shaft sinking over 300m by drill and blast

