INTERNATIONAL COMMISSION ON LARGE DAMS DANISH AND ICELANDIC NATIONAL COMMITTEES ON LARGE DAMS

COMMISSION INTERNATIONALE DES GRANDS BARRAGES COMITES NATIONAUX DANOIS ET ISLANDAIS DES GRANDS BARRAGES



INTERNATIONAL SYMPOSIUM ON ANALYTICAL EVALUATION OF DAM RELATED SAFFTY PROBLEMS

COPENHAGEN, WEDNESDAY JULY 5, 1989

Edited by:

ISCOLD

c/o Páll Ólafsson National Energy Authority Grensasvegur 9 108 Reykjavik ICELAND

Distribution:

DANCOLD

P.O.Box 146 20, Hauser Plads DK 1005 Copenhagen K Denmark

Telephone: + 45 33 13 84 72 Telex: 22979 gtokh dk Telegram: grønlandteknik Telefax: + 45 33 32 05 61

CONTENTS

Symposium Procedure

Part 1 Presentation at the Symposium

Opening of Symposium

J. Veltrop, President of ICOLD (U.S.A.)
Páll Ólafsson, Vice-Chairman of Organizing Committee (Iceland)

First Session: Theme A: Concrete Dams - Fracture Problems

Opening Remarks: G. Lombardi, Chairman	(France)
M. Fanelli, General Reporter	(Italy)
Written remarks by H. Linsbauer and M. Fanelli	
C. H. Yeh, Expert	(U.S.A)
B. Tardieu, Expert	(France)
R. Iida, Expert	(Japan)
S. Ishiguro *	(Japan)
V. E. Saouma *	(U.S.A.)
J. O. Pedro	(Portugal)
R. Widmann	(Austria)
R. Melbinger	(Austria)
B. Travaglini *	(Italy)
A. Carrere	(France)
J. L. Hinks	(U.K.)
M. Appendino *	(Italy)
A. Lafitte *	(Switzerland)
A. Strassburger *	(U.S.A.)
J. O. Pedro	(Portugal)
R. Dungar*	(Switzerland)
J. O. Pedro	(Portugal)
A. Williams *	(Australia)
Coudin *	(India)
B. Gilg *	(Switzerland)
Concluding remarks: M. Fanelli	(Italy)
Closing of session: G. Lombardi	(France)

Second Session Theme B: Embankment Dams

Opening Remarks: W. Pircher Chairman	(Austria)
P. Sembenelli, General Reporter	(Italy)
R. Dungar, Expert	(Switzerland)
K. Höeg, Expert	(Norway)
O. Ozanam	(France)
M. Poupart	(France)
K. de Fries *	(Venezuela)
C. Niccolai *	(Italy)
G. Guiseppetti	(Italy)
P. Reiter, Expert	(Finland)
K. Olesen *	(Denmark)
J. W. Sip	(Netherland)
J. J. Cassidy *	(U.S.A.)
A. D. M. Penman	(U.K.)
J. L. Serafim *	(Portugal)
Y. Ohne *	(Japan)
P. R. Pálmason, Expert	(Iceland)
Closing of Session: W. Pircher	(Austria)

Closing of Symposium

P. Ólafsson, Vice-Chairman Organizing Committee (Iceland)

INTERNATIONAL SYMPOSIUM ON ANALYTICAL EVALUATION OF DAM RELATED SAFETY PROBLEMS

57TH EXECUTIVE MEETING OF ICOLD

Symposium Procedure

The Symposium will take place at the SAS Hotel Scandinavia, Copenhagen, Denmark on Wednesday July 5 1999. Official language is English The Symposium will be divided into two consecutive sessions dealing with the following subjects:

1. Session 8.30 - 12.00: Theme A Concrete Dams

2. Session 14.00 - 17.00: Theme B Embankment Dams

A panel consisting of a chairman, a general reporter and 3 respectively 4 panel expens will introduce and lead the discussion on each theme.

The chairman will preside and direct the session and he will present a summary report on incoming papers. The general reporter will give a lecture on the state of the art of the respective theme. These speeches will take appr. 60 min. and will be followed by appr. 30 min. commentary from the panel of experts.

After a coffee break the session will continue with general discussions directed by the chairman. Pamicipants shall in advance of the discussion prepare and submit to the chairman of each theme on a Special Form — available at the Symposium — the contents of their presentation. Each participant can only be allowed appr. 5 minutes for his presentation. It is important to note that only presentations submitted on the Special Form will be printed in the Proceedings of the Symposium.

The papers presented for the Symposium and accepted by the Scientific Committee are printed in a special edition "Volume 1 — Presented Papers", which is available for participants upon arrival at Copenhagen.

Presentation by experts and participants during the Symposium will be published later in a separate edition "Volume 2 - Proceedings".

Panel Members

Theme A: Concrete Dams

Chairman: Prof. Giovanni Lombardi Switzerlano
General Reporter: Prof. Michele Fanelli Italy
Experts: Dr. Chang – Hua Yeh United States

Mr. Bernard Tardieu France
Mr. Ryuichi Iida Japan

Theme B: Embankment Dams

Chairman: Dr. Wolfgang Pircher Austria
General Reporter: Mr. Piero Sembenelli Italy
Experts: Dr. Roy Dungar Switzerland
Dr. Kåre Hdeg Norway
Mr. Pálmi R. Pálmason Iceland
Mr. Peter H. Reiter Finland