



INTRODUCTION

Damwatch staff have decades of experience designing and implementing comprehensive dam safety programmes, training dam safety staff and providing expert evaluation in New Zealand, Australia, Indonesia, Canada, Philippines and Fiji.

The dam safety programmes of the four largest dam owning companies in New Zealand have been reviewed and enhanced by Damwatch.

Damwatch staff have been active in the regulatory regime in New Zealand by:

- participating in the development and revision of Dam Safety Guidelines
- actively participating in the developments of dam safety legislation and regulations
- primary authorship of the “Guidelines for Resource Consents for Dams and associated activities”
- providing evidence at Parliamentary Select Committees
- providing expert advice to Chief Executives and Boards of Directors of dam owning companies.

Senior Damwatch dam safety specialists established dam safety programmes for Electricity Corporation of New Zealand (ECNZ) prior to the corporation being split into four competing companies. The dam safety programmes operated by three companies have been maintained and enhanced by Damwatch over 10 years.

Damwatch have recently completed the following overseas dam safety programme assignments:

- Damwatch dam safety specialist was International Reviewer for the ANCOLD Dam Safety Guidelines
- Reviewing the Dam Safety Assurance Programmes for State Water NSW.

- PT Inco, Indonesia including auditing the existing programme, assessing the potential dam hazard classification, identifying an appropriate computer monitoring system, and reviewing the effectiveness of implementation for PT Inco.
- CEATI - Undertake review of the Effectiveness of Dam Safety Assurance Programmes for the CEATI Dam Interest Group.
- CE Casecan Water and Energy Company, Philippines. Assessing dam safety needs and designing an appropriate dam safety programme. Implementing the programme and training surveillance inspectors in 2002. Programme is operating successfully.
- BC Hydro, Canada, Damwatch reviewed and revised the dam safety reporting format.
- Damwatch provided advice on the development of the Tasmanian Dam Safety Regulations.
- Hydro Tasmania, Australia, Reviewing the dam safety risk management and operations.
- Fiji Electricity Authority dam safety assurance programme including surveillance reporting programme, emergency action plan and training.

Damwatch’s complimentary expertise in instrumentation and dam engineering gives us a comprehensive understanding of the delivery of effective dam safety programmes.

