

Comparison of some European guidelines for the seismic assessment of dams

N.REILLY, Consulting Engineer

SYNOPSIS. Following the publication of the Application Note to An Engineering Guide to Seismic Risk to Dams in the United Kingdom in 1998, a seismic working group was set up by the Euroclub of ICOLD. The purpose of this was to present and compare the approach to seismic appraisal of dams across Europe. To date guidelines for five countries (Austria, Italy, Switzerland, Romania and the United Kingdom) have been made available. The paper presents the key concepts of these and compares them.