

Can such systems be developed to the point where they will inspire a reasonable degree of confidence, and thus pave the way to an end to nuclear testing?

Canadian seismic experts who have been involved in the Geneva negotiations on this subject for several decades stress that the problem is a highly complex one that still involves many unknowns on the technical side.

Furthermore, they say the problem can be solved only in an atmosphere of genuine international goodwill that includes a willingness on the part of all nations to make more national seismic information available than in the past. Additional concessions, such as permitting the establishment of an adequate number of international listening stations within their national borders, may also be necessary.

As part of the Government's continuing commitment to keeping Canadians informed on various arms control and disarmament issues, this brochure will examine the present state of technological capability for monitoring an underground test ban, explore the potential for further improving this capability and describe Canadian contributions to this arms control effort.