
Figures

1	Definition of verification.....	11
2	Number of nuclear explosions 1945–1983	13
3	Map of nuclear test sites.....	14
4	Cross-section of the Earth showing paths of seismic waves	17
5	The seismograph.....	18
6	Schematic diagram of a seismograph installation.....	19
7	Seismograms of body and surface waves, short and long periods.....	22
8	Number of announced peaceful nuclear explosions	24
9	The Dominion Observatory Building.....	27
10	Yellowknife seismic array, N.W.T.	29
11	Global telecommunications system and Canadian participation in the 1984 International Seismic Data Exchange.....	35
12	Cavity created by the USAEC test explosion (GNOME)	39
13	Overall view of surface facilities at Ground Zero	41
14	Seismic magnitude as a function of explosion yield	43
15	Earthquake occurrence worldwide	45
16	Prototype of unmanned United States surface seismograph station.....	47
17	Regional Seismic Test Network (RSTN)	48
18	Highlights of international negotiations and initiatives aimed at banning and regulating the use of nuclear weapons	51