

of using regional seismic data, to discriminate between earthquakes and underground nuclear explosions, including those conducted in decoupled situations. And in October of 1986, Canada hosted a technical workshop for seismic and data communications specialists from 17 countries to discuss the exchange of seismic waveform data. This work has been made available to the Conference on Disarmament.

- Outer Space: Canada has investigated some aspects of the technical requirements that might exist for verifying a multilateral agreement to control space weapons. Under the "PAXSAT A" study, as it is called, the feasibility of the practical application of space-based civilian remote sensing techniques to verify an outer space treaty has been examined.

Moreover, Canada will be hosting an Outer Space Workshop in Montreal May 14-16 for delegations to the Conference on Disarmament. This workshop will address, in part, the question of verification. We hope to make some preliminary results of our PAXSAT research available to the UNDC.

- Generic Research: The Canadian government has undertaken a number of research projects to examine general verification principles and techniques. A major element in this generic research has been to amass and review what has been said and reported on this issue by governments, international bodies and academics. As a result, I think it is fair to say that we have developed a unique database on the subject of verification. To underline Canada's commitment to realizing progress in the deliberations of the UNDC and to emphasize our belief that these deliberations can only achieve success through a shared spirit of cooperative exchange, Canada will soon make available to all members of the UNDC through the secretariat, a three-volume document compiling almost 700 summaries of research reports, government statements and academic papers on the subject of arms limitation and disarmament verification. This reference tool will, we hope, assist members of the UNDC in their consideration of this topic.

* * *

.../8