

# Appendix A

## The Recommendations

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### Recommendation 1

The federal government should step up its efforts to determine the extent to which the various renewable energy vectors or sources can meet Canadians' demand for energy. In addition, the Departments of the Environment and of Energy, Mines and Resources should establish the best possible terms on which:

- (a) energy can be economized and energy consumption reduced;
- (b) the use of energy resources can be optimized, given the available resources and their impact on health and the environment; and
- (c) wastes resulting from energy-production techniques can be properly managed.

### Recommendation 2

The Department of Energy, Mines and Resources, in collaboration with the National Research Council, should produce a detailed study on the short and long-term advantages of using various fuel cycles that could reduce the volume and diminish the risks of the waste produced by CANDU reactors. In addition, Energy, Mines and Resources should work to develop techniques that reduce the volume of waste produced by existing reactors.

### Recommendation 3

The Government should introduce the following reforms at the Atomic Energy Control Board:

- (a) a consultation mechanism should be set up to require public participation in making decisions on moral or ethical questions;
- (b) the membership of the Board should be modified to reflect more fully the reservations expressed by the public about nuclear energy; and
- (c) the Board should be responsible to Environment Canada rather than to the Department of Energy, Mines and Resources.

### Recommendation 4

The Atomic Energy Control Board should fund an independent scientific assessment of the computer models used to verify the Canadian high-level radioactive waste disposal concept.