

## THE GLOBAL ENVIRONMENT AND NATIONAL SECURITY

Notes for presentation to the Canadian Centre for Management Development, March 15, 1990.

### INTRODUCTION

#### 1. Until fairly recently an "insider", but will try to speak to you as an "outsider"

- personal impressions of what I see as the most significant trends, development and problems in the environmental field - will draw on my experience at DOE, IJC and I&SC at PCO
- not comprehensive in time available
- not definitive, as we are all grappling with bewildering assault of new facts, theories and conjectures
- attempt to draw some tentative conclusions as to what should be done to respond to the new environmental awareness
- unlikely to say anything you've not heard before, but hope by pulling it all together to stimulate discussion as to how seriously we should take it and what you think should be done about it

#### 2. Use of the phrase "global environment"

(a) truly global phenomena such as global climate change and depletion of the ozone layer *and the state of the oceans*

(b) phenomena which are widespread in many parts of the globe and have significance beyond the areas where they are occurring

- tropical deforestation and resultant depletion of species
- inadequacy of supplies of surface water and reduction of groundwater levels
- contamination of water supplies, both surface and groundwater
- degradation of soil for agriculture due to erosion, loss of organic matter, salinization and other contamination