

importance. It has not been possible to date to choose a "best model" among the eight or to produce with confidence a "best estimate" single transfer matrix for each variable based upon a valid statistical analysis of all model results.

11.2.6 Terms of Reference

With reference to the terms of Reference of the Work Group (Appendix 1):

1. Work Group 2 has identified source regions and their applicable sulfur emissions (supplied by Work Group 3B) and has attempted, through the use of the 8 atmospheric transport models, to relate these regions to loadings in the identified sensitive areas.
2. Work Group 2 has evaluated available field measurements and has employed them to assess model performance. Trends of emissions, concentrations and depositions have also been examined to gain further insights into source-receptor relationships. It is up to others to determine what degree of success the Work Group has achieved.
3. Work Group 2 has provided the kind of "operational tools" required for calculating emission reductions required to achieve concentrations and deposition rates necessary to protect sensitive areas; however, the Work Group has not been able to provide definitive guidance concerning a preferred model or the quantitative degree of confidence that can be placed in any of the individual models.

11.3 Proposals for Research, Modeling and Monitoring in the Agreement

11.3.1 Introduction

An initial transboundary air pollution agreement between the United States and Canada that reflects our scientific understanding may not be sufficient to resolve completely all aspects of the problem. Therefore,