

## F. CONSTRAINTS ON AND BOUNDARIES OF ANALYSIS

This interim report addresses the initial concern, acid rain precursor emissions and sources only. The information presented in this report is predominantly for the eastern part of North America, i.e. roughly east of a north-south line running along the Manitoba-Saskatchewan border in Canada and the Mississippi River in the United States.

A detailed review of the following major sectors is included:

- a) Thermal Power for  $\text{SO}_x$  and  $\text{NO}_x$
- b) Non-Ferrous Smelters for  $\text{SO}_x$
- c) Mobile Sources for  $\text{NO}_x$

Other pollutants are mentioned in these sectors but have not been reviewed in detail.

Technology for the control of these pollutants is reviewed on a general basis but no site-specific assessments have been made.

Costs of control are also reviewed, in general terms, but no detailed site-specific assessments have been made.

A brief review of the following sectors is included:

- a) Petroleum refining for  $\text{SO}_x$  and  $\text{NO}_x$
- b) Industrial, residential and commercial fuel combustion for  $\text{SO}_x$  and  $\text{NO}_x$
- c) Incinerators for  $\text{SO}_x$  and  $\text{NO}_x$
- d) Pulp and paper for  $\text{SO}_x$  and  $\text{NO}_x$

No detailed review or assessment of control technology and costs has been made for these sectors.

$\text{SO}_x$  and  $\text{NO}_x$  emissions are presented for all source sectors but no review of control technology or costs has been carried out, except as listed above.

Information on other pollutants, such as photochemical oxidants may be included in future reports if it is determined that they play a significant role in the transformation of  $\text{SO}_x$  and  $\text{NO}_x$  to acid-causing species.