Technical Support Document
for the
Rule to Reduce Interstate Transport of Fine Particulate Matter and Ozone
(Clean Air Interstate Rule):
Reconsideration Notice of Proposed Rule

Corrected Figures and Tables for Sulfur Dioxide Allowance Allocation
Methodology Comparative Analysis Technical Support Document

EPA Docket number:  OAR-2003-0053-2229
December 2005

U.S. Environmental Protection Agency
Office of Air and Radiation
Explanation of Corrections Made

A number of owner/operating companies were inadvertently omitted from the analysis described in section 3 (pages 13-16) of the document entitled, “Sulfur Dioxide Allowance Allocation Methodology Comparative Analysis Technical Support Document,” which was placed in the docket December 2, 2005 (see EPA-HQ-OAR-2003-0053-2229). Set forth below are corrected figures (5 through 8) and tables (4 and 5) for section 3 of the above-cited document. The below figures and tables were created with the complete data set, which includes all owner/operating companies, as described in Appendix A of the document cited above. The conclusions drawn in the SO2 TSD were not changed as a result of the updated data, and, therefore, no text required alteration. All owner/operator data (including that omitted) were available in other places in the three data files previously placed in the docket (see EPA-HQ-OAR-2003-0053-2261(0)). A corrected data file supporting the below figures and tables – with all owner/operating companies – has been added to the docket (see EPA-HQ-OAR-2003-0053-2261(1)).
3. Owner/Operator-level Base Case and Control Case Analyses for 2015

Table 4. Corrected - Median Analysis of Allocation Alternatives using Ratio of Allocation to Base Case Emissions for Owners 2010 & 2015

<table>
<thead>
<tr>
<th>Allocation Methods</th>
<th>EPA Method Based on Title IV</th>
<th>Pure Heat Input</th>
<th>Heat Input w/ Fuel Factors</th>
<th>Heat input w/ Fuel Factors &amp; Coal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 Median</td>
<td>0.3</td>
<td>0.6</td>
<td>0.5</td>
<td>0.4</td>
</tr>
<tr>
<td>2015 Median</td>
<td>0.2</td>
<td>0.5</td>
<td>0.4</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Table 5. Corrected - Median Analysis of Allocation Alternatives using Ratio of Allocation to CAIR Control Emissions for Owners 2010 & 2015

<table>
<thead>
<tr>
<th>Allocation Methods</th>
<th>EPA Method Based on Title IV</th>
<th>Pure Heat Input</th>
<th>Heat Input w/ Fuel Factors</th>
<th>Heat input w/ Fuel Factors &amp; Coal Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 Median</td>
<td>0.5</td>
<td>1.2</td>
<td>0.7</td>
<td>0.6</td>
</tr>
<tr>
<td>2015 Median</td>
<td>0.4</td>
<td>1.1</td>
<td>0.5</td>
<td>0.6</td>
</tr>
</tbody>
</table>
Figure 1.* Source: EPA – see Appendix A, PQA Memo, for detailed description of data sources.

![Graph showing the ratio of SO2 allowances to base case emissions for 236 owner/operator companies under CAIR Method and Alternatives for 2015.](image)

*Extreme values excluded. Corrected version.

Figure 2.* Source: EPA – see Appendix A, PQA Memo, for detailed description of data sources.

![Graph showing the ratio of SO2 allowances to base case emissions for 236 owner/operator companies under CAIR Method and Alternatives for 2015.](image)

*Extreme values excluded. Corrected version.
Figure 3.* Source: EPA – see Appendix A, PQA Memo, for detailed description of data sources.

*Extreme values excluded. Corrected version.

Figure 4.* Source: EPA – see Appendix A, PQA Memo, for detailed description of data sources.

*Extreme values excluded. Corrected version.