

Questions for Non-Member Consultants on the Ozone ISA from Dr. James Boylan

Appendix 1 – Atmospheric Source, Chemistry, Meteorology, Trends, and Background

- Is the discussion on metrics and definitions (Section 1.2) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on sources of U.S. ozone and its precursors (Section 1.3) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on ozone photochemistry (Section 1.4) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on inter-annual variability and longer term trends in meteorological effects on anthropogenic and U.S. background ozone (Section 1.5) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on measurements and modeling (Section 1.6) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on ambient air concentrations and trends (Section 1.7) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on U.S. background ozone concentrations (Section 1.8) accurate and complete? If not, what additional information needs to be included?

Appendix 2 – Exposure to Ambient Ozone

- Is the discussion on exposure concepts (Section 2.2) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on exposure assessment methods (Section 2.3) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on personal exposure (Section 2.4) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on copollutant correlations and potential for confounding (Section 2.5) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on interpreting exposure measurement error for use in epidemiology studies (Section 2.6) accurate and complete? If not, what additional information needs to be included?

Appendix 9 – The Role of Tropospheric Ozone in Climate Effects

- Is the discussion on ozone impacts on radiative forcing (Section 9.2) accurate and complete? If not, what additional information needs to be included?
- Is the discussion on ozone impacts on temperature, precipitation, and climate related variables (Section 9.3) accurate and complete? If not, what additional information needs to be included?