Dear Congress,

We, the undersigned, urge you to support the Environmental Protection Agency's (EPA's) authority under the Clean Air Act to take action that will protect public health and address global warming.

On April 2, 2007, the Supreme Court ruled that global warming emissions are air pollutants covered by the Clean Air Act (CAA).<sup>1</sup> Subsequently, the EPA performed an exhaustive review of the relevant scientific research and determined that global warming emissions endanger public health and welfare and therefore must be regulated under the CAA. Because the EPA's finding is based on solid science, any effort to prevent or delay the agency from taking action to reduce global warming emissions is a rejection of that science.

The scientific evidence overwhelmingly suggests that climate change poses a clear threat to public health. Numerous scientific studies, including the U.S. Global Change Research Program's 2009 report *Global Climate Change Impacts in the United States* and the National Academy of Sciences' report *America's Climate Choices*, show that if heat-trapping emissions continue unabated, global warming is likely to cause more extreme heat in our cities, severe water shortages, loss of species, hazards to coasts from sea level rise, and extreme weather.<sup>2,3,4</sup> The economic and social costs of such impacts are potentially calamitous.

The EPA must be allowed to fulfill its responsibilities and take action to regulate global warming emissions under the Clean Air Act. This science-based law has prevented 400,000 premature deaths and hundreds of millions of cases of respiratory and cardiovascular disease during the 40 years since it was first passed<sup>5</sup>—all without diminishing economic growth.

As the EPA ruling now states, global warming regulation will apply only to the biggest sources of these emissions<sup>6</sup> (such as large coal-fired power plants, oil refineries, and cement plants<sup>7</sup>) while exempting small businesses and homeowners. This is a practical, fair, and effective way to target the biggest sources of pollution, which together account for 70 percent of the nation's global warming emissions from stationary sources. By targeting the oldest, dirtiest, and most inefficient power plants, these regulations can help transition our energy system to a cleaner, healthier, and more efficient one without sacrificing reliability or affordability.

Congress should work to pass a comprehensive climate and energy policy based on robust science and economics that will curb global warming, save consumers money, and create jobs. In the meantime, we urge you to oppose attacks on the Clean Air Act by respecting the scientific integrity of the EPA's endangerment finding, and the agency's authority to act based on this finding.

Sincerely,

<sup>&</sup>lt;sup>1</sup> Massachusetts v. EPA, 549 U.S. 497 (2007).

<sup>&</sup>lt;sup>2</sup> Thomas R. Karl, T.R., J.M. Melillo, and T.C. Peterson (eds.). 2009. *Global climate change impacts in the United States*. Cambridge University Press.

<sup>&</sup>lt;sup>3</sup> National Research Council. 2010. *America's climate choices: Panel on advancing the science of climate change*. ISBN 0-309-14589-9.

<sup>&</sup>lt;sup>4</sup> Solomon, S., et al. 2007. *Climate change 2007: The physical science basis.* Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change (AR4). Cambridge University Press.

<sup>&</sup>lt;sup>5</sup> Environmental Protection Agency (EPA). 1999. *The Benefits and Costs of the Clean Air Act 1990 to 2010*. EPA-410-R-99-001. November. Washington, DC. Online at <u>www.epa.gov/air/sect812/1990-2010/fullrept.pdf</u>.

<sup>&</sup>lt;sup>6</sup> EPA Final Rule: Prevention of Significant Deterioration and Title V Greenhouse Gas Tailoring Rule. Online at *http://www.epa.gov/nsr/documents/20100413final.pdf.* 

<sup>&</sup>lt;sup>7</sup> The regulations will cover new facilities that emit more than 100,000 tons per year on a CO<sub>2</sub>e basis and existing facilities that undertake modifications resulting in emissions of more than 75,000 tons per year on a CO<sub>2</sub>e basis.

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