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Cc: Tom Miller/DC/USEPA/US@EPA, Sam Napolitano/DC/USEPA/US@EPA
Date: 09/23/2009 03:22 PM
Subject: Comments on 8-27-09 draft INC report

23 September 2009

Dr. Deborah L. Swackhamer, University of Minnesota
Dr. James N. Galloway, University of Virginia
Dr. Thomas L. Theis, University of Illinois at Chicago
Cc: Tom Miller, EPA
Cc: Sam Napolitano, EPA, Clean Air Markets Division

Re: Comment on 8-27-2009 Draft Integrated Nitrogen Committee (INC) report

Dear SAB and INC Members:

The data on electric power nitrogen oxides (NOx) emissions is quite outdated in section 2.2.2 "Nr formation and losses to the environment from fossil fuel combustion." There is a figure showing a 1990 to 2002 reduction of about 29%. Table 2 references 2001 data for several regions.

EPA's Clean Air Markets Division has several databases showing actual emissions from power generators in response to regulatory requirements of the acid rain program, the NOx SIP Call/NOx Budget Program, and the Clean Air Interstate Rule (CAIR). Implementation of CAIR began on January 1, 2009 after the D.C. Circuit Court of Appeals changed its initial vacatur decision to a remand. CAIR extends ozone season-only NOx reductions for most Eastern states to year-round NOx reductions.

Furthermore, EPA is currently evaluating a replacement CAIR rule, with a final decision expected by mid-2011. Due to the now-tighter ozone and particulate matter standards of 2008 and 2006, respectively, it is expected that the final CAIR rule will require even deeper NOx reductions.

Based on an easy-to-use, web-based EPA tool * the power sector has reduced NOx emissions much more deeply than acknowledged in the report, which perhaps could be acknowledged briefly in the report:

<u>Year/</u>	<u>Emissions (National, annual)</u>	<u>Percent reduction</u> (vs. 1990)
1990	6.7 million tons ^	-
1995	5.8 million tons *	13
2008	3.0 million tons *	55
2009 (6 months)	947 thousand tons *	-
	(1.9 million tons if extrapolated to 12 months)	72

^ Figure 6 at http://www.epa.gov/airmarkets/progress/ARP_2.html

* <http://camddataandmaps.epa.gov/gdm/index.cfm?fuseaction=iss.isshome>

The body of this e-mail is attached as a Word document. Thank you for considering my comments.

Sincerely,

John Kinsman

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