



BoilerBlast News

Energy

It is always great to speak to the choir – people who actually know something about Energy. Question: Do civil and environmental engineers, lawyers, journalists, political science and business majors have to take a thermodynamics course or something that would help them understand simple things like $P_1V_1/T_1 = P_2V_2/T_2$? With the multitude of new people in the Administration and on the Hill, it could very well take a re-education of these people on the fundamental differences between Industrial, Commercial and Institutional (ICI) boilers and utility boilers as they march down the road to energy efficiency regulation via reward and punishment under whatever means possible in lieu of GHG Tax or Cap-N-Trade. Beware of the good sounding word of dollars for efficiency and energy related jobs. When asked to fix New Source Review (NSR) to allow projects to go forward without Environmental Best Available Control Technology (BACT) burdens for emissions less than those permitted for Maximum Continuous Rated Capacity, there is DEAD Silence – That Dog Don't Hunt in this Administration.

The battles waged over the Electric Generating Unit (EGU) and Non Electric Generating Unit (Non-EGU) definitions and NSR applicability that are extremely important for cogeneration applicability in the ICI sectors may have to be waged all over again. The March Focus Group, Energy Committee and Government Affairs Sessions will address these concerns. The March Committee Meetings could not be coming at a better time.

Environment

The clock is ticking toward April 15, 2010. Not because of the IRS and Income Tax Day, but because of something that could be far more costly and disruptive for industry and our members – the **Boiler and Process Heater MACT** proposed Rule. Fifty Five (55) days from February 19th, and we should see a proposed rule with numbers that will be someplace between the original Boiler MACT Rule and the NACAA Model Rule that is impossible to meet for Carbon Monoxide (CO), Particulate Matter (PM), Mercury (Hg), and Hydrochloric Acid/Chlorine (HCl/Cl) at the same time. Without a Health Based Compliance Alternative (HBCA), it means Scrubbers and Baghouse equivalent particulate control for all solid fuel units. The numbers may be such that even Fluidized Bed Boilers will need scrubbers or reaction chambers to comply. We will be going over the Boiler MACT ICR data during the March Environmental Committee Meeting to try to get a handle on what the numbers might be. Remember any new units going through permitting after this date will have to comply with these numbers. The schedule for the final rule continues to be December 16, 2010. It is expected that existing units will have three (3) years to comply and the possibility of a 1 year extension for reasons beyond the companies' control. The Boiler MACT data bases as original and in Excel Formats that are usable by most of us are up on the CIBO Member Only Website. CIBO's Fluidized Bed Conference in May and the Industrial Emission Control Technology Conference in August could not be more perfectly timed. On a related issue, the Office of Management and Budget (OMB) released a MACT Hammer (112g) rule clarifying how states are to handle MACT Case-by-Case determinations in cases of rule vacatur. We have not been able to find out what the administration is doing on this as of this writing. Hopefully we know more by March 9th.

RCRA ASH: With everyone other than the Environmentalist, the GLC Level of the EPA and Administration (that's like the "E" Ring of the Pentagon) opposed to what EPA is trying to do to classify coal ash (Coal Combustion By-products (CCB)) as Hazardous, EPA has not released its classification

CIBO Meetings:

March 9-10, 2010
Technical Focus
Group/Environmental
& Energy Committee
Meetings
Arlington, VA

CIBO's 2010 Conferences

May 24-26, 2010
Fluidized Bed
Combustion XXIII
Conference
Jacksonville, FL

August 2-5, 2010
Industrial Emissions
Control Technology VIII
Conference
Regulatory Workshop
Portland, ME

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rule that was supposed to come out on December 22nd, the anniversary of the TVA Spill. While we understand there are differences between the TVA spill, CERCLA Hazardous Waste and Coal Ash, the environmentalists are trying to confuse the three to make ash (CCBs) out to be some scary, deadly material. While we know that is not the case, the press and general population will believe just about any sensational claim made by the environmental community and published in the media. We are a long way from some reasonable rule coming out of this administration. A growing consensus here in Washington is that it will take congressional pressure if not legislation to get something reasonable out of this Administration. More to come at the March Committee Meetings.

Focus Group, Environment, Energy & Technical Committee Meetings –March 9-10, 2010 Arlington, VA

Focus Group Topic is "Practical Solutions for GHG Regulation Compliance in Tomorrow's Powerhouse."

Key topics of Committees to be addressed include: Boiler MACT, CAIR Update, GHG Regulation, Litigation Update, NAAQS, NSR and RCRA Ash Updates. Check out the agenda on the Web.

FLUIDIZED BED COMBUSTION (FBC) XXIII CONFERENCE

May 24-26, 2010 - Omni Hotel, Jacksonville, Florida

With our new EPA administration pushing more stringent regulations for Air, Water, Land (Ash) and Energy via Climate Change Regulation, many are thinking of alternative fuels and energy efficiency as a way to save money, stay in business and comply with environmental rules. Today's Fluidized Bed Technology is a combustion technology capable of meeting most current state and federal environmental requirements when using locally available, lower cost solid fuels across the full range of boiler sizes.

This year's CIBO FBC XXIII Conference marks a quarter century of networking and technology transfer helping to bring the technology to where we are today for industrial, institutional and utility facilities.

The conference will again include: Owners' only and Manufacturers' & Suppliers' only forums; the results of the CIBO Annual FBC Survey; the latest FBC technology developments in alternative fuel additions (Bio-fuel); and discussion on plant performance assessment, maintenance, and sorbant considerations. This year's optional tour on Wednesday will include the Rayonier Paper FBC in Fernandina Beach and the Jacksonville Electric Authority FBC just outside Jacksonville, Florida.

A detailed program and **on-line registration** is on the CIBO website under 2010 Calendar. **Exhibit fees are discounted** for companies who have exhibited in the past. Contact Gail Bessette @ 703-250-9042 for exhibit information.

From the President's Desk – Bob Bessette -

They say there is a silver lining in every Cloud. Now if there were just one Cloud, that might be OK. But, when there are multiple Clouds and they are Thunder Heads with rotation capable of unleashing category 5 Tornadoes, I find that hard to believe. I would very much like to be able to bring you some good news on any of our issues other than that we continue to hold our own. There is hope. As they said in the movie "Angels in the Outfield," "It can happen." After the election in Massachusetts, there are more in Congress who will listen and consider the reality of what the Administration is trying to do relative to representing scientific facts and the impact on the economy and jobs. CIBO's credibility on presenting the technical reality of what can and cannot be done when integrating energy and environmental issues continues to be a positive force for achieving reasonable outcomes. Yes! There is hope.