

Note by Bernard Breen, Participant in the December 2007 SLAG AND FOULING CONTROL TECHNOLOGY Panel Conducted by Panel Intelligence, LLC

My intentions in joining the ANTI-FOULING PANEL were to contribute my expertise to the technical evaluation and assessment of the viability/validity of processes and products involved in:

1. Nitric Oxide emissions reduction from power plants (particularly SNCR technology) and
2. Anti-slag and anti-fouling (additive technology) with-in these same power plant boilers.

Since 1964, I have conducted research and development and formed several nationally/internationally recognized Companies operating successful businesses in these two fields.

Overall, I feel I was misled as to the nature and purpose of this report which seems to have focused on minimizing Fuel Tech market potential and on the effectiveness of their technologies.

The market potential for the SNCR technology is measured in hundreds of units and hundreds of millions of dollars, far beyond what one of the panelists suggested as merely ten units. That suggestion seemed unrealistically or purposefully negative. SNCR market potential can be further expanded with technological advancements involving feed-back of operating information; such as Temperature and the Ammonium-bi-Sulfate probe which my Company, BES, has developed and currently markets.

Similarly the comment from one panel member that maximum market penetration of boiler anti-slugging fuel additives has already occurred is absurd. I believe the current market penetration can be greatly expanded, especially if instrumentation to monitor real time firing to optimize soot-blowing and chemical injections is effectively deployed. Additionally Fuel Tech Fuel Chem process dramatically reduces SO₃ issues but could be enhanced further with real time SO₃ feedback controls. We are actively working in both of those instrumentation areas.

My Company consults and performs services in these fields and no better reference for the Fuel Tech technology is that we work to complement their technology whenever possible.

Sincerely,
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