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**Workshop on the Future Paths of Emissions Reduction Technologies/Systems in the U.S.**

June 13, 2019

Ronald Reagan Building and International Trade Center

1300 Pennsylvania Ave NW

Hemisphere Room A

Washington, DC 20004

**8:00– 8:30 AM** Registration Open

**8:30–8:50 AM Welcome Remarks** (Steve Winberg, Assistant Secretary of Energy, Office of Fossil Energy, U.S. Department of Energy)

**8:50—9:15 AM Overview of Workshop Goals and Desired Outcomes** (Angelos Kokkinos, Associate Deputy Assistant Secretary, Office of Clean Coal and Carbon Management, U.S. Department of Energy)

**9:15-9:45 AM How can System Analysis Techniques be Applied to Process Innovation:** (David Miller, National Energy Technology Laboratory)

**9:45–10:15 AM Overview of Emission Reduction Strategies, a Fossil Energy Perspective:** (Thomas Feeley, National Energy Technology Laboratory)

**10:15 – 10:30 AM Break**

**10:30 –12:00 PM Breakout Groups:** Group break out group discussions. (1) What challenges and additional R&D are needed to identify promising, early-stage reduction technologies or improvements to current BACT technologies? (2) What potential value-added products can be produced from coal combustion residues that can offset or reduce potential increased costs associated with introduction of new reduction technology. What R&D do we need to focus on reducing the legacy liability of ash ponds and ash storage? (3) What advances in emission reduction, isolation or solid waste containment technologies/ management strategies do you envision can come online within the next 5 to 10 years?

**12:00 PM Working Lunch**

**12:00—2:00 PM Breakout Groups (continued)**

**2:00 – 4:00 PM Reports from Breakout Groups**

**4:00 – 4:30 PM Closing Remarks**