

Resumé of KENNETH L. MALONEY

SELECTED PUBLICATIONS

“The Rate of Decomposition of Allyl Iodide in Shock Waves”, with H. B. Palmer and D. J. Seery, International Journal of Chemical Kinetics (1971).

“Low Pressure Thermal Decomposition of ONBr and ONCl in Shock Waves”, with H. B. Palmer, International Journal of Chemical Kinetics, Vol. V, 1023-1037 (1973).

“Ignition Delays in Hydrocarbon Systems”, with H. J. Gangloff and R.A. Matula, Invited Paper, American Chemical Society National Meeting, Dallas, Texas (April 1973).

“Emissions from Small Boilers”, WSS/CI (October 1973)

“Analysis of the Kinetic Mechanism of Methane-Air Combustion with Pollutant Formation”, with C. H. Waldman and R. P. Wilson, Jr., EPA Final Report, Contract No. 68-02-0270 (February, 1974).

“Systems Evaluation of the Use of Low-Sulfur Western Coal in Existing Small and Intermediate-Sized Boilers”, EPA Stationary Source Symposium (September 1974).

“An Experimental and Mechanistic Study of the Reaction of COF₂ with both H₂ and CO”, with H. J. Gangloff, T. N. Adams, and R. A. Matula, J. Chemical Physics 63-11, 4915-4926 (1975).

“Gas Phase Decomposition of Nitric Oxide in Combustion Products”, 16th SIOC, MIT (August 1976).

“Shock Tube Studies of Fluorocarbon Pyrolysis and Oxidation”, with H. J. Gangloff, E. K. Keating, and R. A. Matula, Invited Paper, American Chemical Society Division of Physical Chemistry and Fluorine Chemistry, San Francisco (August 30th, 1976).

“Western Coal Use in Industrial Boilers”, presented at the Spring Meeting, Central States Section/The Combustion Institute, Columbus, Ohio (April 1976).

“Western Coal Use in Industrial Boilers”, 2nd Symposium on Stationary Source Combustion (August-September 1977).

Resumé of KENNETH L. MALONEY

SELECTED PUBLICATIONS (Cont'd).

“Reactions of NH₃ with NO in Coal-Derived Combustion Products”, 17th SIOC, Leeds, England (August 1978).

“Corrosion and Fouling Potential in Diesel Exhausts”, ASME Winter Meeting, Arlington, Virginia (September 1978).

“Sulfur Retention in Coal Ash”, Final Report US EPA Contract No. 68-02-1863 (November 1978).

“Sulfur Capture in Coal Flames”, AiChE, Boston, Massachusetts (1979).

“NO Formation Mechanisms in a Jet-Stirred Reactor”, Coal Combustion Technology and Emission Control, Cal Tech (February 1979).

“Pulverizer Failure Cause Analysis”, FP-1226 Research Project (Electric Power Research Institute) 1265-1. Final Report (December 1979).

“Homogenous Reaction of NH₃ with Nitric Oxide in the Combustion Products from Coal-Fired Boilers”, 17th Symposium (International) on Combustion, The Combustion Institute, p. 89, (1980).

“Combustion Modification for Coal-Fired Stoker Boilers”, EPRI Symposium, Denver, Colorado (July 1980).

“Overview of Coal-Related Problem Areas”, Coal Technology Conference, Houston, Texas (November 1980).

“Overview of Major Causes of Pulverizer Failures”, EPRI Coal-Ash Handling Workshop, St. Louis, Missouri (October 1980).

“Recommended Procurement Guidelines for Pulverizers in Large Steam Generating Units”, EPRI CS-2179 RP 1265-1-1. Final Report, (December 1981).

“Combustion Modifications for Coal-Fired Stoker Boilers” American Flame Research Committee, An International Symposium on Conversion to Solid Fuels, Newport Beach, California (October 26-28 1982).

“Combustion Modifications for Coal Fired Boilers”, Dallas Texas (November 1982).

Resumé of KENNETH L. MALONEY

SELECTED PUBLICATIONS (Cont'd.)

“Laboratory Evaluation of Combustion Modifications for Coal-Fired Stoker Boilers”, Western States Section of the Combustion Institute 1982 Spring Meeting, Salt Lake City, Utah (April 5-6 1982).

“Recycle Flue Gas to Cut Emissions, Improve Boiler Performance”, Power (June 1983).

“Flue Gas Recirculation for Stoker Boilers: An Application’s Up-Date of the Technology”, 1985 Kentucky Coal Conference, University of Kentucky, Lexington, Kentucky (April 1985).

“Failure Cause Analysis – Air Preheaters”, EPRI CS-1927 RP 1265-8. Final Report (July 1981).

“Computational Fluid Dynamic Modeling and Field Results for Co-Firing Gas over Coal in a Stoker Boiler”, with S. K. Maloney, L. E. Maloney and J. C. Maloney, International Conference on Power Engineering 2007, Hangzhou, China (October 23-27 2007)