IN THE UNITED STATES DISTRICT COURT FOR THE DISTRICT OF DELAWARE

MIDWEST ENERGY EMISSIONS CORP. and MES INC.,)
Plaintiffs,) C.A. No. 19-1334 (CJB)
v.) JURY TRIAL DEMANDED
ARTHUR J. GALLAGHER & CO., et al.,)
Defendants.)

JOINT GLOSSARY OF TERMS

'114 Patent '147 Patent '225 Patent '430 Patent '517 Patent AC / "activated carbon" ACI "activated carbon injection" ADA-ES Adsorb Adsorption AECI AJG Iowa Refined Coal LLC Alistar Alistar Enterprises LLC Alkali Alkaline Allen Ameren Amperage Anion Antelope Valley Anthracite Aqueous Arbor Fuels Company, LLC ARCO Arthur J. Gallagher & Co. ASME Bascobert (A) Holdings LLC **Basin Electric Power Coop** BCP Belle River Fuels Company, LLC

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Bernard Vosteen Big Cajun II Bituminous Br Br₂ **BR** minus **BR** radical Bromide Bromide ion Brominated Bromine **Buffington Partners LLC** CaBr₂ Calcium bromide Canadys Refined Coal LLC Carbene Carbocation Carbonaceous Catharine (Cathy) Lawton Cation Cayuga Centigrade Centrifugal **CERT** Defendants **CERT** Operations Companies **CERT** Operations LLC **CERT** Operations II LLC **CERT** Operations III **CERT** Operations IV LLC CERT Operations RCB LLC **CERT** Operations V LLC **CERT RC Defendants** Char Chem-Mod Chesterfield Chloride Chlorine Chouteau Fuels Company, LLC Christopher Berkimer **Clean Coal Solutions CLECO** CO_2 Coal-fired Coke Coleto Creek Columbia

Combustion zone Constance (Connie) Senior Cope Coronado Refined Coal LLC Cottbus Associates LLC Daniel Carro Decompose Decomposition Demineralizer Deogun Manufacturing, LLC Desulphurization **Dolet Hills Dominion Energy** Doug Comrie Downs-Boiler Downs-Halogenation DTE Energy DTE Energy Resources, LLC Dynamometers Eckberg Edwin Olson EIA Electropneumatic Electrostatic precipitator Elemental Energy & Environmental Research Center at the University of North Dakota ("EERC") **EPA-Proposal** EPRI Erie Fuels Company, LLC ESP Fabric filters FDT FGD Flue gas Flue gas desulfurization system George Kotch George Neal North Refined Coal LLC George Neal Refined Coal LLC Granite Graphene Graphite Halide Halogen Halogenate Hastings Refined Coal LLC HBr

HCl Hg HgBr₂ Hopper Hydrogen bromide Hydrogen chloride Huron Fuels Company, LLC ICR Intermountain Inventive sorbent Ions IPR James Landreth Jasper Fuels Company, LLC Jay Gunderson Jeff Green Jefferies Refined Coal LLC Jim Trettel John Pavlish Jon Finlinson Joppa Refined Coal LLC Katherine (Katie) Panczak Labadie Laramie River Larkwood Energy LLC Larry Kuennen Leah Schaatt Lewis acid Lewis base Lignite Lime Limestone Lissianski-Patent Lissianski-Presentation Louisa Refined Coal LLC Luminant Marquis Industrial Company LLC Marshall ME2C MEGA Mercuric halide Mercury Mercury and Air Toxics Standards (MATS) Merck Mercurator Mercury

MerSorb MES Inc. Methyl Michael Holmes Mid-American Energy Co Midwest Energy Emissions Corp. Molecular bromine Monatomic Mount Storm Muscatine NaBr Nalco Newton RC, LLC NIST Nitrogen oxides Non-aqueous liquid NO_x ("knocks") NORIT NRG Oak Grove Olson-646 Olson-Paper Oxidize PAC ("pack") PBr₃ Petrochemicals Philip Green Philip O'Keefe PHOSITA Portage Fuels Company, LLC POSA POSITA Powder River Basin (PRB) coal Powdered activated carbon Powder Street, LLC Powerton Promoter Promotion Promulgation **Provisional Application PTAB** PTO **Pyrolysis** REFCO Refined coal **Rick MacPherson**

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