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February 5, 2021

CERTIFIED MAIL

Ajay K. Arora
Vice President Power Operations and Energy Management
Ameren Missouri
1901 Chouteau Avenue, MC 1370
St. Louis, MO 63103

RE: *Midwest Energy Emissions Corp ("ME₂C") Patented Technology*

Dear Mr. Arora:

I write on behalf Midwest Energy Emissions Corp ("ME₂C") regarding its patented technologies that we believe to be in use at the Rush Island, Labadie Power and Sioux plants. ME₂C requests an opportunity to discuss a potential business agreement that would ensure a proper license to use these technologies.

The claims of ME₂C's patents define the property rights therein, but generally ME₂C's patented two-part process for mercury control includes combined injection of halogens/halides (bromides, chlorides, and iodides) on the coal or in the furnace and carbon/noncarbon sorbents injected upstream of particulate control devices (ESPs, baghouses, and scrubbers). Specifically, the claims of certain ME₂C patents are directed to methods for separating mercury from a mercury-containing gas, and include the use of a sorbent material (such as brominated activated carbon or activated carbon) in conjunction with a halogen or halide additive (such as bromine, chlorine, iodine or other halogen-based compounds which can include by examples calcium bromide, sodium bromide, calcium iodide, or potassium iodide). A summary of ME₂C's mercury control patents is attached as Schedule A to this letter.

ME₂C supplies products and services to practice its patented technologies, including sorbents and front-end (coal or in furnace) halogen/halide additives. ME₂C has recently signed supply and license agreements with some of the largest coal-fired power plant operators in the country, and our hope is to reach a similar agreement regarding the plant at issue here. *See, e.g., "Midwest Energy Emissions Corp. Commences Patent Infringement Lawsuit; Seeks Permanent Injunction and Damages"* <https://www.midwestemissions.com/news-media/press->

[releases/detail/568/midwest-energy-emissions-corp-commences-patent](https://www.midwestemissions.com/news-media/press-releases/detail/568/midwest-energy-emissions-corp-commences-patent); “Midwest Energy Emissions Corp. and Vistra Announce Fleetwide License and Supply Agreement,” <https://www.midwestemissions.com/news-media/press-releases/detail/574/midwest-energy-emissions-corp-and-vistra-announce>; “Midwest Energy Emissions Corp. and AEP Announce Signing of an Agreement,” <https://www.midwestemissions.com/news-media/press-releases/detail/581/midwest-energy-emissions-corp-and-aep-announce-signing-of>; “Midwest Energy Emissions Corp. Announces Another Agreement with a Major National Utility,” <https://www.midwestemissions.com/news-media/press-releases/detail/583/midwest-energy-emissions-corp-announces-another-agreement>; “Midwest Energy Emissions Corp. Reaches License Agreement with Large North American Utility,” <https://www.midwestemissions.com/news-media/press-releases/detail/584/midwest-energy-emissions-corp-reaches-license-agreement>.

ME₂C would like to promptly resolve this matter with you in a cooperative way. In this regard, we would like to have discussions with you regarding a patent license agreement/supply agreement with ME₂C (which would include the right to use the ME₂C patented technologies), with a first (virtual) meeting during the month of February. If you agree to discussions, we will propose a mutual non-disclosure agreement so that discussions are open and amicable.

We ask that you provide us your response with your availability for a first meeting within 14 days of receipt of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Justin T. Nemunaitis', with a long horizontal flourish extending to the right.

Justin T. Nemunaitis

Midwest Energy Emissions Corp - US Patents

PATENT #	TITLE	STATUS	PATENT OWNER	GRANT/PUB DATE
US-10926218	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	February 23, 2021
US-10828596	Promoted ammonium salt-protected activated carbon sorbent particles for removal of mercury from gas streams	Granted	MIDWEST ENERGY EMISSIONS CORP	November 10, 2020
US-10668430	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	June 2, 2020
US-10596517	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	March 24, 2020
US-10589225	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	March 17, 2020
US-10471412	Activated carbon sorbent including nitrogen and methods of using the same	Granted	MIDWEST ENERGY EMISSIONS CORP	November 12, 2019
US-10343114	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	July 9, 2019
US-10130930	Sorbent comprising carbon and nitrogen and methods of using the same	Granted	MIDWEST ENERGY EMISSIONS CORP	November 20, 2018
US-9757689	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	September 12, 2017
US-9675931	Mercury control using moderate-temperature dissociation of halogen compounds	Granted	MIDWEST ENERGY EMISSIONS CORP	June 13, 2017
US-9669355	Activated carbon sorbent including nitrogen and methods of using the same	Granted	MIDWEST ENERGY EMISSIONS CORP	June 6, 2017
US-9662629	Carbon nanocomposite sorbent and methods of using the same for separation of one or more materials from a gas stream	Granted	MIDWEST ENERGY EMISSIONS CORP	May 30, 2017
US-9468886	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	October 18, 2016
US-9155997	Mercury control using moderate-temperature dissociation of halogen compounds	Granted	MIDWEST ENERGY EMISSIONS CORP	October 13, 2015
US-9011805	Carbon nanocomposite sorbent and methods of using the same for separation of one or more materials from a gas stream	Granted	MIDWEST ENERGY EMISSIONS CORP	April 21, 2015
US-8821819	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	September 2, 2014
US-8807056	Mercury control using moderate-temperature dissociation of halogen compounds	Granted	MIDWEST ENERGY EMISSIONS CORP	August 19, 2014
US-8652235	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	February 18, 2014
US-8512655	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	August 20, 2013
US-8440585	Process for regenerating a spent sorbent	Granted	MIDWEST ENERGY EMISSIONS CORP	May 14, 2013
US-8312822	Mercury control using moderate-temperature dissociation of halogen compounds	Granted	MIDWEST ENERGY EMISSIONS CORP	November 20, 2012
US-8173566	Process for regenerating a spent sorbent	Granted	MIDWEST ENERGY EMISSIONS CORP	May 8, 2012
US-8168147	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	May 1, 2012
US-7628969	Multifunctional abatement of air pollutants in flue gas	Granted	MIDWEST ENERGY EMISSIONS CORP	December 8, 2009
US-7615101	High energy dissociation for mercury control systems	Granted	MIDWEST ENERGY EMISSIONS CORP	November 10, 2009
US-7435286	Sorbents for the oxidation and removal of mercury	Granted	MIDWEST ENERGY EMISSIONS CORP	October 14, 2008