UNIVERSITY OF NORTH DAKOTA



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May 15, 2012

United Nations Environment Programme Chemicals Branch Division of Technology, Industry, and Economics 11-13 chemin des Anémones CH-1219 Châtelaine, Geneva **SWITZERLAND**

Dear Sir/Madam:

Subject: United Nations Environment Programme (UNEP) Global Mercury Partnership

The Energy & Environmental Research Center (EERC) is pleased to be considered for membership in the UNEP Global Mercury Partnership. The EERC supports the overall UNEP goal of reducing mercury releases to the global environment, understands the importance of coal as a global energy source, and will utilize its expertise in measurement and control of mercury from coal combustion systems to support the UNEP Partnership.

The EERC has performed coal-related research for more than a half-century and studied mercury for over 30 years. In 1992, the EERC established the Center for Air Toxic Metals[®] (CATM)[®] Program which is focused on key research toward a better understanding of mercury releases to the environment and developing technologies that effectively reduce emissions at the source. Throughout, the CATM Program has maintained an international perspective, with results and reports distributed globally. The research performed through CATM has allowed significant strides to be made to gain a better understanding of mercury emissions, improve sampling and measurement techniques, fill data gaps, address emerging technical issues, and develop/test control technologies that allow industry to cost-effectively reduce emissions.

The outcomes of this research have been shared at various domestic and international forums, working groups, and conferences; in educational settings; and through published documents. For example, this information has been shared with the International Energy Agency (IEA) Clean Coal Centre Mercury Group, which consists of mercury experts from around the world and in which the EERC is a member. This group meets annually at the Mercury Emissions from Coal (MEC) workshop to discuss international issues and developments on mercury sampling, measurement, emissions, and technology advancements to reduce mercury from combustion of coal. Thus far, the EERC has attended all of the MEC meetings: Glascow (MEC1, 2004), Ottawa (MEC2, 2005), Katowice (MEC3, 2006), Tokyo (MEC4, 2007), Australia (MEC5, 2008), Ljubjana (MEC6, 2009), Glascow (MEC7, 2010), and Kruger (MEC8, 2011) and plans to attend St. Petersburg (MEC9, 2012).

Through the UNEP Partnership, the EERC is in a good position to share its expertise and research to assist UNEP in developing a global strategy to reduce releases of mercury to the environment. We look forward to participating in meetings and discussions organized by the UNEP Partnership.

Sincerely

John H. Pavlish CATM Director Senior Research Advisor

JHP/krh

PARTNERSHIP AREA Please check partnership areas that your organization intends to contribute to: artisanal and small scale gold mining mercury cell chlor alkali production mercury air transport and fate research mercury releases from coal combustion mercury waste management mercury supply and storage Please indicate in your support letter how your organization intends to contribute

to each of the indicated partnership areas.

ORGANIZATION NAME	University of North Dakota Energy & Environmental Research Center
NAME, FUNCTIONAL TITLE OF REPRESENTATIVE	John H. Pavlish, Senior Research Advisor
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TYPE OF ORGANIZATION	 Government Regional economic integration organization Non-government Organization Industry Scientific community Other, please specify: nonprofit research

*UNEP Global Mercury Partnership Registration Forms are to be accompanied by a letter to UNEP signifying support for the UNEP Global Mercury Partnership and commitment to achieving the partnership goal.

The support letter should specify how the organization intends to contribute to meeting the goal of the UNEP Global Mercury Partnership.

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Please submit the support letter and registration form to: