



## QUARTERLY UPDATE

### NEW CLIENTS/PROJECTS

#### **Intermountain Power Project, Unit 3**

Intermountain Power Agency (IPA) recently awarded Cummins & Barnard a contract to provide development services for the Intermountain Power Project, Unit 3. The project involves the addition of a new 900 MW pulverized coal unit in Delta, Utah. C&B's scope of services includes performing as Owner's Engineer, developing design and scope parameters, defining interfaces with the existing units at the site, developing and executing the plant procurement process, and providing project management and engineering services, as well as additional project support as required.

#### **Constellation Energy, Brandon Shores, Units 1&2**

Cummins & Barnard has been named Owner's Engineer to support retrofit of a wet flue gas desulfurization (FGD) system for the two 650 MW Brandon Shores units. Initial scope of services includes permit support including CPCN application; project technology, cost and schedule review; development of technical specification for the FGD systems and stack; development of contracting strategy, term sheet and implementation plan for EpC contractor selection; participation in the EpC contractor negotiation process; and assistance with other Owner procurements.

#### **First Energy, AQCS Projects**

Cummins & Barnard is providing Owner's Engineer services for AQCS retrofit projects as assigned including engineering phase, construction, commissioning, startup, performance testing, warranty and close out activities.

#### **Northern Michigan University, Utility Study**

The University selected Cummins & Barnard to provide analyses of existing campus utilities to develop a strategy for providing economical current and future steam and electricity supplies to the campus. Additional projects resulting from the study include development of a renewable energy addition involving a solid fuel (wood/coal) boiler project; replacement of existing gas/oil-fueled boiler; and engineering design for underground fuel oil storage tank system, emergency generation, switchgear replacement and heating plant ventilation system improvements.

#### **Morton Salt, Boiler MACT Upgrade Projects**

Cummins & Barnard is providing engineering services, from developing conceptual options through the design, procurement and installation of emissions control equipment, to existing boilers at Morton Salt facilities in Manistee, Michigan and Rittman, Ohio. The projects will bring the facilities into compliance with Industrial Boiler MACT regulations.

#### **Pfizer, Inc., Boiler MACT Upgrade Project**

Pfizer recently authorized Cummins & Barnard to develop construction packages as well as provide construction and start up technical support for installation of air pollution control devices associated with Industrial Boiler MACT regulations. The project also included preliminary and detailed engineering, conceptual design and cost estimating.

### CORPORATE AWARDS

#### **2005 Plant of the Year Award**

*Power Magazine* has named Southern California Public Power Authority's Magnolia Power Project as their 2005 Plant of the Year. The 310 MW combined cycle plant is located in downtown Burbank, California. The plant was selected for its role in providing much needed power to Southern California in an innovative, cost effective and environmentally sound manner. Cummins & Barnard was a member of the EPC team headed by Aker Kvaerner-Songer, Inc. C&B's scope of services included independent audit of the project execution plan, schedule review and engineering design for plant mechanical systems, as well as cycle design and controls design.



(See Major Power Generation Projects on website.)



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### ASHRAE Regional Award

Cummins & Barnard won First Place in the ASHRAE 2005 Chapter and Regional Technology Awards in the New Industrial Facilities or Process category for Cummins & Barnard's engineering design of the McNamara (Midfield) Terminal Energy Center located at Detroit Metropolitan Wayne County Airport. The Center provides energy services including power to the new terminal and airfield pumping stations, as well as chilled water and high temperature hot water to support the new McNamara Terminal.



Judging criteria for the entries included energy efficiency, indoor air quality and thermal comfort, innovation, operation and maintenance, cost effectiveness, environmental impact and quality of the presentation.

### PEOPLE

#### C&B Recently Filled Two Key Positions

Marc Bozo, P.E. joined Cummins & Barnard as a Senior Project Manager, supporting AQCS projects. He



brings nearly forty years of major generation and energy project experience to his position. His previous experience includes Andes Associates, Black & Veatch, Bechtel and General Electric.

Tom Ghesquiere, P.E. has also joined C&B as Senior Project and Business Development Manager. He has over twenty-two years of experience in power plant development, engineering and construction with an extensive background in project and engineering management including pulverized coal, oil and gas-fired simple cycle and combined cycle units.



### PROFESSIONAL ACTIVITIES



**Young Engineer of the Year**  
Andy Sutherland, P.E., Mechanical Engineer, recently received the Jackson Chapter of the Michigan Society for Professional Engineers' "Young Engineer of the Year" award.

#### Engineer of the Day

Chris Rogers, P.E., I&C Engineer, was also recognized for his achievements and received the "Engineer of the Day" Award.



#### PE Registrations

Aklima Hossain received notification of her P.E. registration in Michigan.





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### Certifications

Jim Bauman, P.E. is an ICC (International Code Council) certified Fire Plans Examiner. Matt Iadipaolo, P.E. also passed certification as a Certified LEED Professional.



### Professional Achievements

Wei Sun, P.E. has been formally elected as Governor of the ASHRAE Detroit chapter. He will serve through August of 2006. Wei was designated by the chapter as



their Technical Seminar Speaker in the fields of Laboratory and Cleanroom ventilation systems. He will also be chairperson of the ASHRAE Technical Committee on Cleanroom Design for the upcoming ASHRAE conference in Chicago.

Andy Sutherland, P.E., was accepted on the ASME PTC 4 Fired Steam Generators committee. His term is effective May 2005 through June 2009.

John F. Hesterman, P.E., has been named Program Committee Chairman for the Annual Power Generation Conference. This is the twelfth year John has held this position.



### Technical Papers/Publications

Three C&B engineers have had abstracts accepted for the 2006 Electric Power Conference. They include:

Jeff Cummings, P.E.

“Balance of Plant Considerations for TOXECON Mercury and Multipollutant Control Projects”

Steve Herrygers and Chris Rogers, P.E.

“Implosion Considerations for AQCS Retrofit Projects Implosion Study for We Energies’ Presque Isle Power Plant, Unit 5”

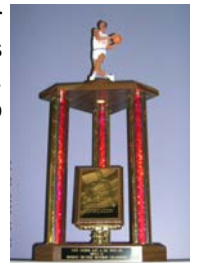
Jason Dobson, P.E. presented a paper entitled, “Investigation of T/P92 as an Alternative for High Energy Power Plant Piping” at the 2005 Power Generation Conference held in Las Vegas, Nevada.

Wei Sun, P.E.’s article entitled, “Product and Technology Trends of the US Air Conditioner Market” was published in “*Japan Air Conditioning, Heating & Refrigeration News*” (JARN) magazine.

### CORPORATE EVENTS

#### **C&B Basketball Team**

Winners of the 2005-2006 Ann Arbor Recreation & Education Monday Men’s D League Orange Division Champion. Team record was eight wins and two losses.



Team Members Included:

Jim Bauman	Kurt Huss
Bob Brown	John McConnachie
Brian Day	Juan Snead
Adam Gutchak	Jovan Wordlaw
Steve Herrygers	