Response of C.P. Crane LLC ("CP Crane") to PPRP Data Request No. 2
CP Crane Repowering Project
PSC Case No. 9482
Response Date: August 13, 2018

2-1 Pages 3-2 and 3-4 of the ERD reference a new natural gas compression system that will be capable of increasing the natural gas pressure from 350 psi to 675 psi. Please clarify if the natural gas compression system will use any fossil fuel driven equipment.

Response:

Under the proposed design, ProEnergy will supply and install a Gas Compressor System that is designed to provide sufficient pressure and flow to meet the needs of the gas turbine generator. The compressor will be skid mounted and utilize a compressor directly coupled to a horizontal induction electric motor. The proposed design of the gas compressor system does not utilize fossil fuel.

Response provided by: Thomas Pritcher, Senior Principal Engineer, ECT

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2-2 Section 3 of the ERD describes the Applicant's plans to install three simple-cycle gas-fired CT's at the existing CP Crane site, and "retire" (but not demolish) two coal-fired units, although some Unit 1 & 2 ancillary buildings will be demolished to make room for the CT's. The project site also houses a 14 MW oil fired combustion turbine. When BG&E constructed the original CP Crane facility (1957), Baltimore County imposed a number of conditions as part of granting the required special exception from its Zoning Commission, including one that stated no more than four power producing units shall be constructed on the property. Based on the proposed design, there will be either four or six power producing units at the site, depending on how a "retired" unit is classified.

a. How does the Applicant plan on complying with this special exception condition for use of the parcel?
b. Does the Applicant intent to demolish Units 1 & 2 as part of this project? Are there plans to demolish the coal-fired units at a later time?
c. Has the Applicant consulted with the Baltimore County to confirm that the Project is in conformance with the County's special exception conditions for use of the parcel?

Response:

a. CP Crane has consulted with Baltimore County to confirm that the improvements planned for the Property and the intended use of the Property are in conformance with the County's special exception conditions. See the attached PPRP DR 2-2 Attachment 1, Letter Request for Spirit and Intent Verification, reviewed and approved by Baltimore County on May 30, 2018; and PPRP DR 2-2 Attachment 2, Plan to Accompany Spirit and Intent Request approved by Baltimore County on June 5, 2018.

b. CP Crane does not currently have plans to demolish Units 1 & 2. As described in Section 3 of the ERD, several existing plant components will be demolished to allow space for the new site layout, including the Unit 2 air heater, Unit 2 dust collector, Unit 2 electrical control and vacuum blower building, and the urea tanks.

c. Yes. See the response to 2-2a.

Response provided by: Dennis C. Corn, Consultant/Director of Development, Middle River Power, LLC