



Exhibit No.: 5
Witness: Greg Elam
Type of Exhibit: Direct
Sponsor: Boulevard Brewing
Company
Case No.: EC-2006-0332

Memorandum

To: Mike Utz, Jeff Krum, Lori Locker, Emeka Anyanwu, Russ Wiley
From: Greg Elam
Cc: Mindy Mangold, Mike Moore, Tom Coulter
Date: January 17, 2005
Re: Discussions With KCPL to Provide Electric Service to Blvd. Brewery's Plant Expansion

The following is summary outlining our discussions regarding KCPL providing electric service to Blvd Brewery's new plant expansion. These discussions also included the re routing and service alterations to both Jianus Brothers ("Jianus") and Clarkson. Although below it says that we do not need to relocate the feed on 26th between Bellevue and the alley to the South side, Blvd. Brewery would like for KCPI to price that option, as there is some concern about construction activity near the line in the future.

The following is a summary of the items we addressed and either the solution or the action to remedy the issue:

1. **Relocate the Electric Service to Clarkson-** It was agreed that the best method of providing service to Clarkson was to install a new pole in the Northwest corner of Clarkson's parking lot. This pole would contain three transformers necessary to provide Clarkson with a three-phase (delta) 240 volt service. Since Clarkson has a single phase service as well, the best method discussed to meet this objective is for Blvd Brewery to pay for and install a step down transformer inside the Clarkson facility to feed the single phase service. The action items on this issue is for Blvd. Brewery to 1) obtain an easement from Clarkson that will allow KCPL to set a pole in the Northwest corner of their parking lot; 2) obtain permission from Clarkson to extend their weather head to the North end of the building so that KCPL can make the

required attachment; and 3) Clarify that installing the single phase service internal to Clarkson is permissible.

2. **Removal of the 12.47 KV Feeder Between 25th and 26th on Bellevue-** It was agreed that since the feeder to serve the Blvd Brewery's plant expansion will be installed from 26th Street with a tie onto a new switch to be located at the Southeast corner of 25th Street and Bellevue, the feeder that currently exists on Bellevue can be removed.
3. **Relocated Feeder on 26th Street to Opposite Side of Street-** Originally, we discussed relocating the feeder on 26th Street to the South side of the Street from Bellevue to Southwest Blvd. At the end of our meeting, it was agreed that the section of feeder on 26th Street between Bellevue and the current alley can remain on the North side of the street because set back requirements of the city, the proposed building will no longer have an impact on the location of the feeder. We discussed the cost to move the feeder from the North side of 26th Street to the South side of 26th Street, from the alley to Southwest Blvd, could cost in the neighborhood of \$30,000. Most of this cost would be attributable to relocating the feed that serves the DST data center. It was agreed that before proceeding with the job, KCPL will wait to hear from Blvd Brewery whether or not 26th Street can be widened to the South. The location of this feeder also impacts the installation of the feeder down the new alley to feed Janus and Blvd Brewery. We have discussed this and determined that 26th Street must be widened on the North side, necessitating the move of the overhead lines between the existing alley and Southwest Boulevard be moved to the South side of 26th Street, which also requires the re-work of the underground feed to DST.
4. **Remove Existing 208 Volt Service at Corner of 25th and Bellevue-** It was agreed that this service will be re-fed from within the existing building at Blvd. Brewery. We discussed the timing of installing the feeder down the alley and that the small transformer (500kVa, 480V, 3Ø) would need to be made hot immediately, while the larger 2500 kVa transformer could wait until the new building is ready to accept service. This 150kVA service will need to remain until some time after the 2500kVA service is operating due to current load conditions on the 500kVA service.
5. **New Service to Brewhouse Facility-** We agreed that the new service would be fed from a new 2500 kVa transformer. There was some discussion as to whether or not the 2500 kVa transformer can be used as "feed through" transformer. One end of the feeder would come from a terminal pole located on 26th Street, feed through the 480 volt pad-mount transformer feeding the most northern Janus building, then feed the 2500 Kva transformer. The other end of the feeder will come from 25th Street. KCPL will locate a new switch just east of Bellevue and south of 25th, in the green space near the existing terminal pole, and install a feed from the existing manhole near the southwest

corner of 25th and the alley to the new switch. KCPL will require an easement from the manhole across the alley and Bellevue to the new Switch. They will also require an easement from the new switch in the green space across Bellevue and the Alley to the new transformers feeding Blvd Brewery.

KCPL agreed to resolve the question of whether or not the 2500 kVa transformer can be used as a feed through or not.

- 6. Re-Feed the Jianas building(s)-** We agreed that the existing overhead poles located near 26th Street can remain, as can the service drops to the building. Because the existing arrangement of secondary conductors on the rear of the Jianas building, KCPL will require Jianas to allow KCPL to set a pole somewhere between their silo and south toward 26th Street. The pole will be located approximately three feet from the building, and with Jianas assistance, between parking spaces. KCPL will use the pole to provide single phase service drop to Jianas.

To re feed the Jianas building located north and adjacent to Blvd Brewery with an underground feed, it was first discussed that the 480 volt transformer could sit somewhere in the alley between the service doors. However, after physically viewing the site, it was agreed that this option would not work. We then agreed that one of two places would work. The first option would be to locate the new transformer to the east of the loading dock that is south of the silo. This will require the transformer to be located on Jianas' property and adjacent to the alley. The second option is for the transformer to be located to the east of the most southern Blvd Brewery building. This would mean that when the buildings are demolished, the transformer would be located to the south side of the alley. Blvd Brewery will approach Jianas on this issue and let KCPL know the preferred option.

Locating the KCPL transformer is the first step to re-feeding the Jianas building. The second step is for Blvd Brewery to install a step-down transformer somewhere on or in the Jianas building to meet the existing 240 delta service. Blvd. Brewery will discuss this requirement with Jianas when the above issues are discussed.

- 7. Schedule and Work-** We discussed the schedule for the work to be completed and agreed that KCPL would work on the feed from 26th and 25th Street first and develop a preliminary plan with cost estimates. It was agreed that the drawings of the feeder section from 25th to Jianas will be complete by 1-21-05. Because Blvd Brewery will be responsible to install two six inch conduits (one for the feeder and a spare), it is necessary that the drawings be completed before this work starts. We were informed that the total job would take 60-70 hours.