

6/28/2022

Charley Toppino & Sons, Inc.
P.O. Box 787
Key West, Florida 33041

Aeration System and Electrical Switchgear
B&V Project 199322
B&V File 60.3200

Attention: Carli Bernard

RFI: **016**

Reviewed by: David Garcia

Request: Question from the contractor (taken from the file provided).

- 1) Some of the existing loads are not included in the New Layout of SWBD6 (on E-07 or Eaton's Submittal).
Loads/buckets missed on one-line drawings and submittal: 8CB1B, 8CB1B, 6MTS1, FRONT GATE. After speaking with Dan (Plant Operator) and Ian (City of Key West) these loads are crucial to operation the plant and need to be incorporated into the New Layout of SWBD6.
- 2) Some of the existing loads have smaller frames/breaker/plugs than what is shown for fabrication of the new Switchgear.
Please advise if the new one-line is all that is needed and is properly sized or if changes need to be incorporated into the fabrication of the new SWBD6 Switchgear.

EOR's Responses:

- 1) **Include 8CB1A, 8CB1B, 6MTS1, and FRONT GATE to the lineup of the new switchboard using the breakers size and locations as shown in RFI 16.**
- 2) **Breakers in the new switchgear should match the size of the existing breakers as shown in RFI 16.**

Breaker for 6MCC5 does not need to be fabricated. Per Key West comments, this breaker should become a spare breaker.

Load study created for 6MCC8 shows a total connected load of 506A and running load approximately 80% of connected load. Please provide 600A breakers for 6MCC8A and 6MCC8B.

