

December 11, 1996

Operations Division
Readiness Branch

Mr. Dale Jensen
Burk-Kleinpeter, Inc.
4176 Canal Street
New Orleans, Louisiana 70179

Dear Mr. Jensen:

Please reference our letter to you dated December 4, 1996, concerning our review of your cofferdam and well point dewatering system for the proposed Canal Street pumping station. Subsequent to our letter, we have received a letter dated December 5, 1996, from you requesting that we review the contractor's (Professional Construction Services, Inc.), third revised cofferdam calculations for the above referenced project.

We have reviewed the revised submittal and have the following comments:

a. The analysis presented was performed to show the effects of water levels in the 17th Street Canal on the overall stability of the levee into the excavation. As presented, the analysis is acceptable for the controlling water level. However, it does not address the problem of a less than required factor-of-safety of 1.3 for the levee into the dry excavation. The analysis should be revised and resubmitted. The design of the cofferdam should take into account the forces required to bring the section up to a 1.3 safety factor for overall stability.

b. The section presented includes an extra 26 foot distance between the floodwall and the inside of the cofferdam than was previously furnished in their submittals. It is acknowledged that the cofferdam is smaller now but only by about 7 feet along the analyzed section. The applicant should support the new distances used.

The above information must be resubmitted to the Corps for review and approval prior to performing any work. Please forward the information to Mr. Brian Keller of my office. If we can be of any further assistance, please feel free to call Mr. Keller at (504) 862-2344.

Sincerely,



Albert J. Guillot, P. E.
Chief, Operations Division

Copies Furnished:

LA DOTD, New Orleans
East Jefferson Levee District
✓ C/Engr Div
CELMN-ED-FS

