

FEDERAL ENERGY REGULATORY COMMISSION
Office of Energy Projects
Division of Dam Safety and Inspections – San Francisco Regional Office
100 First Street, Suite 2300
San Francisco, CA 94105-3084
(415) 369-3300 Office – (415) 369-3322 Facsimile

October 2, 2017

In reply refer to:
Project No. 2100-CA

Mr. Ted Craddock, Chief
Oroville Emergency Recovery - Spillways
California Department of Water Resources (DWR)
P.O. Box 942836
Sacramento, California 94236-0001

Dear Mr. Craddock:

Subject: Oroville Emergency Recovery – Spillways, Flood Control Outlet, Investigation and Evaluation of Cracking of Erosion Resistant Concrete Slabs, FERC Project 2100

Dear Mr. Craddock: _____

This letter is to request an investigation and evaluation of cracking of the erosion resistant concrete observed in the new Flood Control Outlet (FCO) concrete slabs, part of the Feather River Project, FERC No. 2100.

Removal of the concrete curing coverings over recently placed erosion resistant concrete slabs placed for the new FCO spillway chute has revealed a number of small cracks in the upper surface of the concrete slabs. We understand that DWR has at least initially expressed some concern about these cracks and has taken a number of actions to adjust the concrete mix design and contact some concrete material experts to identify possible actions. Based on the observed cracking, DWR should complete the following:

- 1. Map the observed cracks in each of the completed slabs to establish a baseline condition.**
- 2. Evaluate and identify the potential cause(s) of the cracking.**
- 3. Identify possible remedial actions, if necessary.**
- 4. Document the findings in a report.**

Within 30 days of the date of this letter, please submit a report to this office that documents the findings of this work.

We appreciate your cooperation in this aspect of the Commission's dam safety program. If you have questions, please contact Doug Boyer at (503) 502-3048 or me at (415) 369-3318.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank L. Blackett". The signature is fluid and cursive, with the first name "Frank" being more prominent.

Frank L. Blackett, P.E.
Regional Engineer

cc:

Ms. Sharon Tapia, Chief
CA Dept. of Water Resources
Division of Safety of Dams
P.O. Box 942836
Sacramento, CA 94236-0001

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