

*Heard
logged
2/27/81*

1002 Gold Hill Road
Placerville, CA 95667

February 27, 1981

Department of Fish and Game
1701 Nimbus Road
Rancho Cordova, CA 95670

Subject: Proposed Hydroelectric Installation on Hangtown Creek

Dear Sirs:

I propose to install a small hydroelectric generating plant on my property near the confluence of Hangtown and Weber Creeks near Placerville in El Dorado County. The diversion will be from Hangtown Creek below the Placerville Disposal Plant, and water will be returned to Weber Creek a short distance below the confluence with Hangtown Creek. The approximate length of the pipeline and penstock bypassing the falls near the mouth of Hangtown Creek is 975 feet.

I have discussed this proposal with members of the DFandG staff. I am also discussing this proposed project with the U.S. Fish and Wildlife Service. The application before the Federal Energy Regulatory Commission requires evidence of consultation with the agencies responsible for reviewing the impact of the project on fish and wildlife. I would like to obtain a letter from the Department of Fish and Game for submittal to the Federal Energy Regulatory Commission verifying that the Department has been advised of the project and that I have consulted with the Department on the project and that it is under review by the Department.

Thank you.

Very truly yours,

Richard E. Akins
Richard E. Akins

II-81-58

*3-5 min. flow
bypass 4-5 cfs in summer
Ch. Sewer Plant in Placerville to see
what is released*

March 27 - fieldings

(916) 445-3531

J Robert Leggett
MAY 14 1981

Mr. Richard E. Akins
1002 Gold Hill Road
Placerville, CA 95667

Dear Mr. Akins:

The Department has made an initial field inspection of your proposed hydroelectric project on Hangtown Creek, El Dorado County, and the following are our preliminary comments:

1. No work should be started on the diversion structures and no water should be diverted until you have received all of your permits from the Federal Energy Regulatory Commission and from the State Water Resources Control Board.
2. There are trout populations in both Hangtown and Weber creeks which could be affected by your project. To protect these trout populations, adequate fish flow releases and water temperatures (20°C maximum or natural water temperature at proposed diversion structure) must be maintained below your proposed diversion dam.
3. The proposed alignment for the penstock crosses some very unstable areas. Installation of the penstock in these areas could cause adverse impacts on Hangtown and Weber creeks. Therefore, the Department recommends that you study alternative dam sites and penstock alignments which would be less environmentally damaging than your proposed locations.
4. The Department recommends that you conduct surveys within the proposed project area to determine if there are any rare or endangered plants or animals which could be affected by your proposed project. You may wish to contact our Department for technical assistance in this matter.
5. Water quality during project construction is also a major concern and as part of your environmental report you should include adequate protective measures to insure that sediment, cement, and/or other materials do not enter the stream. After you have received all necessary permits to begin construction of your project, as required by Fish and Game Code Section 1603, you are required to enter into a Streambed Alteration Agreement with this Department to protect fish and wildlife resources during project construction.

6. The Department recommends that you conduct studies on the flow regime in Hangtown Creek to determine the streamflow releases below the diversion dam that will be necessary for the protection of fish and wildlife.

Before the Department can make a full evaluation of potential impacts of your proposed project and provide you with our final comments, we will need the above information and also your proposed flow releases and your proposed operational schedule.

If the Department can be of further assistance, please contact Paul T. Jensen, Regional Manager, Region 2, 1701 Nimbus Road, Rancho Cordova, CA 95670, telephone (916) 355-7020.

Sincerely,

COPY ORIGINAL SIGNED 
E. C. FULLERTON

Director

bc: K. Ball, Region 2 w/letter
J. Richard, Region 2 w/letter

File: D, DD, DO, DRF, ESB
Region 2

RRT:jb