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29449 & 50

April 13, 1993

Ms. Katherine Mrowka  
Associate WRC Engineer  
Division of Water Rights  
P.O. Box 2000  
Sacramento, CA 95812-2000

Re: Applications 29449 and 29450 of Robert E. and Mary  
Judith Young -- Stanshaw Creek In Siskiyou County

Dear Ms. Mrowka:

This letter serves as a response to your letters to our  
clients, Robert and Mary Judith Young, dated February 4, 1993,  
requesting information you require in order to complete the  
initial review of Applications 29449 and 29450. (See Attached).  
We will reply first to those questions pertaining to Application  
No. 29449 and then to those pertaining to Application No. 29450.

QUESTIONS PERTAINING TO APPLICATION NO. 29449

QUESTION NO. 1:

Division staff has recommended 0.02 cfs for domestic  
use and 0.09 cfs for irrigation purposes. You have asked whether  
our clients concur with these recommendations.

RESPONSE NO. 1:

The Youngs have no objections to the Division  
staff recommendations of 0.02 cfs for domestic use and  
0.09 cfs for irrigation purposes.

You have also requested additional information to  
complete the environmental supplement to the  
application. You have requested answers to the  
following questions:

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QUESTION NO. 2 OF ENVIRONMENTAL SUPPLEMENT:

Indicate whether or not any permitting agency prepared any environmental documents for the project. If so, please complete the answers to the last part of question number 2.

RESPONSE TO QUESTION NO. 2:

No environmental documents were prepared for the project by any permitting agency.

QUESTION NO. 3:

Please describe the types of existing vegetation (such as grasslands, pine forest, oak-grass foothills, etc.) at the point of diversion, immediately downstream of the point of diversion, and at the place where the water is to be used. Please be sure to include photographs of these areas with the vegetation types showing in the photograph.

RESPONSE TO QUESTION NO. 3:

The ranch is in the Klamath National Forest. Consequently, the vegetation at the point of diversion and immediately downstream of the point of diversion, consists primarily of pine forests. The place where the water is to be used consists of irrigated grassland and orchards.

QUESTION NO. 4:

Indicate what changes in the project site and surrounding area will occur or are likely to occur because of construction and operation of the project.

RESPONSE TO QUESTION NO. 4:

No changes in the project site are contemplated as a result of the construction or operation of the project.

QUESTION NO. 5:

Indicate whether or not your client is willing to make the changes in the project as recommended by the Department of Fish and Game.

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RESPONSE TO QUESTION NO. 5:

The Department of Fish and Game indicated to the Youngs last year that no changes were necessary. If they do suggest changes in the future, our clients acquiescence will depend on the nature of the suggested changes.

QUESTIONS PERTAINING TO APPLICATION NO. 2945<sup>49</sup>~~50~~

QUESTION NO. 1:

Based upon the project description, Division staff cannot determine where the 1 cfs which is requested for fish enhancement is utilized, or how the fishlife is enhanced. Please describe this element of the project.

RESPONSE NO. 1:

The applicant no longer proposes to use water for fish enhancement.

QUESTION NO. 2:

The application states that the maximum flow which can be used through the penstock is 2.5 cfs. It appears, however, that 4 cfs is diverted from Stanshaw Creek in order to maintain 2.5 cfs at the powerhouse. Is this information accurate?

RESPONSE NO. 2:

No.

QUESTION NO. 3:

Does the flume and ditch section lose 1.5 cfs, for a loss rate of 37.5 percent of the diverted flow?

RESPONSE NO. 3:

No.

QUESTION NO. 4:

What is the total loss rate for the existing system, from Stanshaw Creek to the Irving Creek point of discharge?

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RESPONSE NO. 4:

The Youngs inform us that the loss rate is less than .5 cfs.

QUESTION NO. 5:

When was the hydropower turbine first installed?

RESPONSE NO. 5:

The Youngs are not sure when the hydropower turbine was installed. However, the previous property owner has indicated to them that the hydropower turbine was installed between 1940 and 1942.

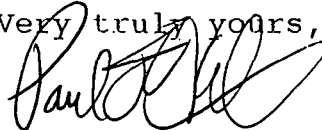
QUESTION NO. 6:

You have indicated that an engineered map prepared by a civil engineer or land surveyor is required for applications which request more than 3 cfs. For a hydroelectric project, the map shall show the point of diversion, the conduit, penstock and power house and the point at which the water is returned to the stream. For applications requesting more than 3 cfs, a profile of the penstock is also required.

RESPONSE NO. 6:

The Youngs now propose to divert 3 cfs and request that the application be amended to so reflect. Therefore, the map requirement will not apply to their application.

If you have any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,  


PAUL F. KELLY  
 Law Clerk

PFK:cks

Enclosures

cc: Robert and Mary Judith Young  
 Thomas W. Birmingham, Esq.  
 Jeffrey A. Mitchell, Esq.

