

**Additional Information Request No. 5 (Schedule B)**

The Commission's Additional Information Request No. 5 stated:

“5. Flow Conduit Intake Screening (response due in 90 days)

Entrainment protection for some fish can, in certain instances, be provided to a limited degree by trashracks. We have reviewed your license application, including Exhibits A, B, and F and your entrainment study (CAWG-9), and have not been able to find a description of the clear bar spacing of the trashracks at the powerhouse intake or the Rock Creek diversion intake. We have also not been able to determine if the fish water turbine has any trashracks and if so, the clear bar spacing of any such trashracks. Please provide this information for the powerhouse and fish water turbine intakes so that we can assess if trashracks may afford some level of protection for fish in Mammoth Pool reservoir and Rock Creek.”

**SCE Response to Additional Information Request No. 5 (Schedule B):**

The following provides information on the trashracks for the Mammoth Pool Powerhouse Intake, Mammoth Pool Fishwater Generator, and the Rock Creek Diversion.

- The intake to the Mammoth Pool Powerhouse (power tunnel) located in Mammoth Pool Reservoir is screened by a trashrack that consists of a 3 inch by 3/8 inch bar stock with 3 inch spacing between the bars. The trashrack for the Mammoth Pool Powerhouse intake is shown in the CAWG 9, Entrainment Report, Appendix A, Figure A-10 (SCE 2005).
- The intake to the Mammoth Pool Fishwater Generator and Howell-Bunger valve (diversion tunnel) is also screened by a trashrack consisting of 3 inch by 3/8 inch bar stock with 3 inch spacing (according to SCE personnel).
- The trashrack for the Rock Creek diversion has a clear bar spacing of approximately 6 inches and is located in the diversion pool behind the dam.

**Literature Cited**

Southern California Edison Company. 2005. CAWG 9, Entrainment, Appendix A. 2004 Technical Study Report Package for the Big Creek Hydroelectric System Alternative Licensing Process prepared by Southern California Edison. December 2004. *In:* Volume 7 of the Preliminary Draft Environmental Assessment (PDEA) for the Big Creek Alternative Licensing Process (ALP); Mammoth Pool (FERC Project No. 2085), Big Creek Nos. 1 and 2 (FERC Project No. 2175), Big Creek Nos. 2A, 8, and Eastwood (FERC Project No. 67) and Big Creek No. 3 (FERC Project No. 120). Submitted to FERC November 21, 2005. Volume 7 contains Critical Energy Infrastructure Information (CEII).