

# HISTORIC AMERICAN ENGINEERING RECORD

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BIG CREEK HYDROELECTRIC SYSTEM, BEAR CREEK  
DIVERSION DAM  
Sierra National Forest  
Big Creek vicinity  
Fresno County  
California

HAER CA-167-M

Photograph CA-167-M-15 is an 8" x 10" enlargement from a 4" x 5" film copy negative of a paper printout made from a digital scan of microfilm. No original tracing or drafted line drawing was available for HAER copy work, though one may exist either at the Huntington Library collections, San Marino, California, or at Southern California Edison Company headquarters, Rosemead, California.

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David G. De Vries, Marissa R. Rocke, photographers, July 2012

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|------------|---|
| CA-167-M-1 | Context view to the east, showing the downstream face of the dam, the raised walkway to the reservoir gate valve atop, the pool below, and the weir.                                    |
| CA-167-M-2 | Panoramic view 1/2 from downstream level, looking at the southwest face of the dam, northeast part, showing the reservoir outlet pipe and the raised walkway to the gate control valve. |
| CA-167-M-3 | Panoramic view 2/2 from downstream level, showing the central part of the dam's southwest face, and the weir in the foreground.   |
| CA-167-M-4 | Water from the pool spilling over the weir into Bear Creek, also showing the southeast part of the dam face, and how it is set into the granite bedrock.                                |
| CA-167-M-5 | View to the southeast along the dam top, showing the concrete abutment anchoring the southeast end at far right, built into the granite.  |
| CA-167-M-6 | View of reservoir water gauge and concrete platform near the northwest end of the dam, near the tunnel intake gatehouse.  |

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- CA-167-M-7 View from reservoir gate valve walkway looking northwest towards intake tunnel gatehouse and the concrete platform upon which it is built.
- CA-167-M-8 View to the east along the reservoir gate valve walkway. The ladder provides access to the reservoir.
- CA-167-M-9 Detail view of gate controls for reservoir water release.
- CA-167-M-10 Looking down at the pool and the weir, from the gate controls for reservoir water release.
- CA-167-M-11 Context view of the tunnel intake gatehouse, to the north.
- CA-167-M-12 South side, tunnel intake gatehouse.
- CA-167-M-13 Tunnel intake gatehouse: oblique view of east front and part of north side built into the granite.
- CA-167-M-14 Interior of gatehouse from east front door, showing the intake tunnel gate control equipment.
- CA-167-M-15 Details of Bear Creek Diversion Dam & Intake; and Cross Section of Bear Creek Tunnel. Original sheet has five small drawings at various scales. Exhibit L, signed December 20, 1927, by W.A. Brackenridge, senior vice president, Southern California Edison Co. Original sheet no. 2022, now drawing no. 515624.