HISTORIC AMERICAN ENGINEERING RECORD

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BIG CREEK HYDROELECTRIC SYSTEM, FLORENCE LAKE DAM HAER CA-167-L
Sierra National Forest
Big Creek vicinity
Fresno County
California

Photographs CA-167-L-27 through 29 are 8" x 10" enlargements from 4" x 5" film copy negatives of paper printouts made from digital scans of microfilm and other secondary sources. No original tracings or drafted line drawings were available for HAER copy work, though these 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 DeVries, Marissa R Rocke, photographers, July 2012

CA-167-L-1	Context view looking northwest towards the spillway, from near the east end of the dam.
CA-167-L-2	View of taller and deeper arches at east end of dam.
CA-167-L-3	Shallower arches just downstream fro the east abutment. View to south-southwest.
CA-167-L-4	Looking west from east abutment, showing arch #58 interior buttress.
CA-167-L-5	Downstream interior view of arch #39.
CA-167-L-6	Looking southeast along the access road from the south end of the spillway.
CA-167-L-7	Overall view of arch #38, the spillway, and the natural rock face down which spillway water flows.
CA-167-L-8	Interior detail view of arch #37, showing ladder access to dam top, as well as the door to the interior of the south end of the spillway.

CA-167-L-9	View of spillway surface to the north, including the west end of the overflow diversion wall far below at right.
CA-167-L-10	Drum gates and spillway texture, to northwest.
CA-167-L-11	Interior view of arch #34 with truck at left for scale.
CA-167-L-12	Looking south along downstream side of dam from arch #26.
CA-167-L-13	View to the south of the Hooper Diversion Pipe. This was built in 1945 to divert water from Hooper Creek into Florence Lake.
CA-167-L-14	View to the west from near the Hooper Diversion Pipe, showing the northeast downstream side of dam.
CA-167-L-15	Interior view of a shallow arch, #25.
CA-167-L-16	Oblique view to the southeast of the diagonal buttress of arch #22.
CA-167-L-17	Arch #21 interior, showing test area at center, bottom.
CA-167-L-18	View to the east from the west end of the dam, showing arch #1 and west abutment at left, with Florence Lake Reservoir at right.
CA-167-L-19	Western abutment and first three arches on upstream (reservoir) side.
CA-167-L-20	Panoramic view 1 of 3, showing arches #1 through #9 at west end of dam, upstream side.
CA-167-L-21	Panoramic view 2 of 3, showing more arches near the west end of the dam.
CA-167-L-22	Panoramic view 3 of 3. Note spillway just to the right of center.
CA-167-L-23	Telephoto view of rectangular embayment between arches #9 and 10, where dam turns to the southeast.
CA-167-L-24	Telephoto view of the spillway, from near the Ferry Landing at the north end of Florence Lake.
CA-167-L-25	Overall view of the spillway overflow diversion wall, which directs water eastwards, away from the campground and back towards the river channel.
CA-167-L-26	View of the gaging station downstream from the diversion wall, looking west towards the dam in the distance.

CA-167-L-27	Cross sections of Florence Lake Dam. Original scales 1 inch to 10 feet, and 1 inch to 5 feet. Exhibit L, signed April 13, 1925, by W.A. Brackenridge, senior vice president, Southern California Edison Co. Original sheet no. 2003, now drawing no. 56502.
CA-167-L-28	Plans of spillway & drum gates in Florence Lake Dam. Original scale 1/8 inch to 1 foot. Exhibit L, signed April 13, 1925, by W. A. Brackenridge, senior vice president, Southern California Edison Co. Original sheet no. 2006, now drawing no. 56505.
CA-167-L-29	Structures at intake end of Florence Lake Tunnel. Original scale 1/8 inch to 1 foot. Exhibit L, signed April 13, 1925, by W.A. Brackenridge, senior vice president, Southern California Edison Co. Original sheet no. 2007, now drawing no. 56506.