

Chief of Operations

January 3, 1978

**Colusa Drain Electric Fish Barrier**

A recent inspection of the Colusa Drain Barrier revealed a minimum of 35 of the 90 1½" pipe electrodes had broken off. The majority had failed at a point approximately 2/3 up from the lower end of the pipes where a horizontal stabilizing bar had been welded to each line of pipes.

The stabilizing bar was designed to prevent the electrodes from striking one another and becoming entangled due to the high velocity and turbulence of the water. Some of the suspending cables have also parted.

Will you please have the Engineering Section examine these failures and make recommendations on how to repair the facility.

COPY ORIGINAL SIGNED BY  
R. W. LASSEN

**Robert W. Lassen**  
Regional Manager  
Region 2

cc: C. Young  
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