



SALT RIVER PROJECT

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January 10, 1990

Mr. Jim Canadas
13091 Malena Dr.
Santa Ana, CA 92705

Dear Jim:

SRP has successfully installed and utilized cast-in-place pipe in our irrigation system for the past forty years. We have installed approximately 222 miles of this pipe in our 1200-mile system. The service life of cast-in-place pipe is comparable to precast, and I would recommend its usage in most situations for either an irrigation system or storm drainage conveyance system.

It is critical to note that there are certain applications or soil conditions that do not dictate the successful usage of this pipe. Specifically, unless over-excavated and backfilled with silt or clay material, I would avoid the usage of the pipe in sandy or rocky conditions. Also, I do not recommend that this pipe be used under a major street that is heavily traveled if the head pressure on the pipe is such that it would cause a leak to rise to the surface elevation.

By utilizing our machines that were acquired in the 1980's, we have had exceptionally good results with cast-in-place pipe. These machines are double articulated and the forms extend a further distance around the perimeter than the old "no joint" machines we previously used.

We have done considerable work in evaluating the service life of this pipe, and I am enclosing a publication by SRP of some of the studies. If you have further questions, please let me know.

Sincerely,



Ronald M. Merkley, Manager
Southside Water Service Center

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Enclosure