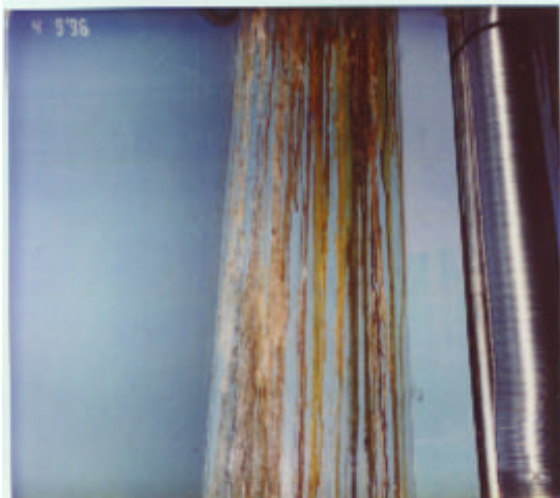




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## CASE HISTORY



**Project:** United American Energy Hydro  
Winslow, Maine

**Injection System:** BBZ Duroseal Inject

**Area:** Approximately 100 linear feet

**Completed:** September 1996

Operators of the United American Energy Hydroelectric Station, located on the Kennebec River in Winslow, Maine, were concerned when they discovered excess water accumulating in the base of the generator pit, thus working the dewatering pumps excessively.

The generator pit, which is a 30-foot depression in the powerhouse floor, is steel jacketed. Upon closer observation, it was discovered that water was leaking at the top of the pit between the steel liner and concrete substrate and flowing down the steel jacket to the bottom of the pit.

To remedy this, holes were drilled through the steel and tapped and 1/4-28 zerk fittings installed around the circumference of the pit liner. These fittings were then injected with Duroseal Inject and the problem was solved.



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