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## CASE HISTORY

The dam at the Georgia Pacific pulp and paper plant in Woodland, Maine, supplies the mill with raw water, as well as, electrical power.

Mill officials noticed two leaks. One leak was located inside the structure at a joint between a concrete wall and concrete overhead slab. The other leak was located on the exterior downstream side near the intake.

The inside leak was prepped and injected with Duro Rapid, a fast curing, non foaming, two component, polyurethane hybrid resin.

The exterior leak was more serious. Water leakage was approximately 65 gallons per minute. Jean's Waterproofing, Inc. (JW) worked in conjunction with Georgia Pacific personnel to devise and anchor a steel plate, fitted with relief tubes, directly over the leak.

The plate had valves attached to the relief tubes so that once the plate was anchored, the valves could be closed and temporarily cut off water flow. This allowed JW to inject the void behind the plate with Duro Rapid without the inject resin being washed away.

The injection process for both leaks was a success.

**Project: Dam Leak Repairs**

**Owner: A Paper Mill In Maine**

**Injection**

**System: Duro Rapid**

**Completed: September 1998**



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