**PROBLEM:**
Microscopic cracks were found in the original epoxy coating of a 3,000 sq. ft. water feature, “The Fountain of the Flags” at the University of Alaska, Fairbanks. These cracks were causing leaks with a daily loss of thousands of gallons of water. The water was making its way into the plumbing corridor under the fountain, which potentially could be a serious and expensive problem if left untreated.

The University needed a quick solution with a fast-set, elastomeric Polyurea that could be applied over the prepared concrete.

**SOLUTION:**
They chose Polyshield SS™ 100 because it forms a seamless, crack-bridging membrane that prevents water leakage. With high pigment added for color stability, Polyshield SS™ 100 was applied at 60 mils. The polyurea protective coating created a watertight seal.

**RESULTS:**
University officials were relieved to have a reliable waterproof coating in place to protect the water feature's concrete surface. In a follow up inspection (summer 1996) the coating was performing well, with no loss of water and no discoloration.