

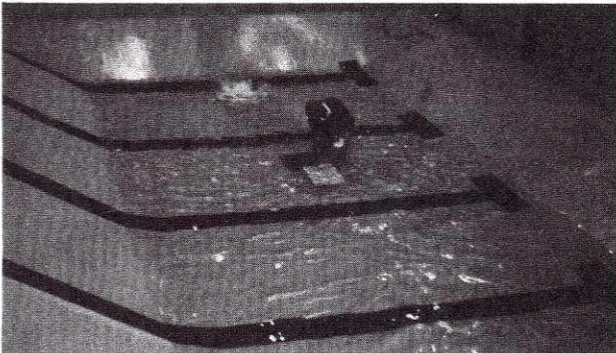
POOL & DECK EQUIPMENT

PRODUCTS IN ACTION

PVC POOL SHELL FIXES LEAKS

Long term solution — in a short time

The City of **Boulder** had a problem aluminum pool. Constructed in 1974 as a major component of the South Boulder Recreation Center, the pool had experienced a seemingly endless series of problems that included leakage, paint peeling, and galvanic pitting and corrosion. The final straw was the lifting and deforming of the bottom of the dive hopper,



New pressure relief caps were installed as part of the renovation of South Boulder Recreation Center's pool renovation.

caused by failure of the pressure relief valves to properly release when the pool was drained. Recreation Superintendent Paul Swoboda summed up the situation by saying, "It was a real nightmare. Although all new PVC piping had been installed in 1985, we still had significant electrolysis and corrosion problems."

Clearly, the problem had to be solved. After considering all of the options currently available to renovate the pool (including paint, coating, fiberglass, and completely rebuilding), the city decision makers learned of a European concept in pool renovation, involving the insertion of a reinforced PVC pool shell inside the old pool.

After an extensive review and discussions with other agencies that had been involved in PVC pool renovations, specifications were prepared and bids accepted to correct the pool's problems. Aquatic Renovation Systems of Indianapolis was awarded the contract to install the RenoSys PVC Pool Shell, and work commenced in the middle of August. "We were on a tight time frame, since our pool is so heavily

used," said Steve Whipple, Recreation Supervisor for the city of Boulder. "The ability to do a quality job in a short time frame was extremely important to us."

The project foreman, Dale Zechel, had been involved in numerous PVC pool renovation projects, but was most concerned about reconstruction of the bottom under the liner and the attractive lining of the gutter. "The workmanship is really important in the pool gutter area," he said.

Approximately 15 days after work began, the pool was completed and the PVC membrane completely lined the 6,800 square foot facility and gutter. The finished renovation is much easier to clean, never needs painting, is leak-proof, and should last over twenty years, according to the manufacturer. Because the material is an excellent insulator, the



The pool at the South Boulder Recreation Center is a pivotal part of the city's recreation programs, making renovation of the structure on a tight time-frame a high priority for city officials.

electrical currents that cause poolside pinholing are prevented from reaching the metal walls of the pool. "I fully expect the pool to last an additional 25 years," Swoboda said. "I recommend anyone doing a pool renovation consider new PVC piping and a PVC membrane."

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Aquatic Renovation Systems/Indianapolis, IN