**II RiverWare Software Maintenance**

**Regression Tests:**

* The tvaOptRPL and BPA\_STBig10Opt tests were revised to prevent sporadic failures due to alternative optima. The use of the OptValue function in some optimization constraints frequently led to arbitrary differences in model results due to alternative optima. This created the potential for ignoring actual issues when they occurred. The policies using OptValue were revised to no longer use the function and, thus, prevent these differences. Revising these two optimization tests revealed an actual issue with 3D Table Interpolation that was filed and fixed as bug 6016.
* The BPA\_STBig10Opt test was updated based on software changes to summation satisfaction scaling, which contributed to small differences in model results. An unused optimization seed parameter was also removed with the software changes, and the model was updated to reflect this change.