



DuraTough-ing Out  
CAVITATION  
ATTACK



A hydroelectric plant in British Columbia, Canada, has found the use of our ENECON FLEXICLAD DuraTough to be the best method of repairing and protecting these Francis Turbine Runners from severe cavitation attack.

The units were repaired by first using CeramAlloy CP+ to rebuild the deeply damaged areas back to the original surface contour. This was followed by the application of two coats of the FLEXICLAD DuraTough DL system to completely resurface the runners.

After 12 months of continuous service, the

runner was inspected to determine the in-service performance capabilities of the DuraTough system.

The repair, and the DuraTough DL, had performed beyond expectations.

Although originally somewhat skeptical, the engineer responsible for the unit now considers this application a success and has suggested that the operating supervisors from the other dams within the system contact him for his recommendations on the use of ENECON DuraTough to resist cavitation attack.