

## Redesign Helps Power Plant Run Leak Free

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### Application:

A 72" water circulation system in a coal fired power plant

### Problem:

Holz was contacted by a partner distributor that needed an engineered solution to replace two circulating water expansion joints that had been in service since the 1960s. The existing joints were unique since one side of each was vulcanized to the pipe instead of using flanges.



### Solution:

Our distributor and engineering team worked with the plant engineers to find a way to design joints with an industry standard. The decision was made to cut the pipe on the side that was vulcanized and replace them with standard ANSI flanges. This innovative solution made it possible for Holz to engineer 320 style EPDM joints with 150# integral flanges for easy and a cost savings installation. This solution is now in service and will keep the plant running leak free for many years.

