

# POWER GENERATION

FACILITY:	APPLICATION PROBLEM:	SOLUTION:	SUCCESS SINCE:
Large Power Generating Company Mid-West, USA	Turbine Energy Station Clean Well Pump Discharge	DFT® Model Excalibur® Check Valve 8" - 150# WCB/316SS	2004

## Challenge:

A large power generating company in the mid-west was looking for alternate replacements of the swing check valves in their clear well pump discharge. To keep the turbines from overheating, the pumps were running a cooling system loop for the turbine that generated energy at their station. Due to water hammer and the high cycling rate, the swing check valves that were installed needed to be replaced every 12 months, requiring constant maintenance.

## Solution:

The customer installed three of the 8" 150# WCB/316SS Excaliburs. These Excaliburs were installed in 2004, eliminating the water hammer problem. One of the Excaliburs were replaced in 2013, giving this company 9 years of maintenance free service.

## DFT® Model Excalibur®

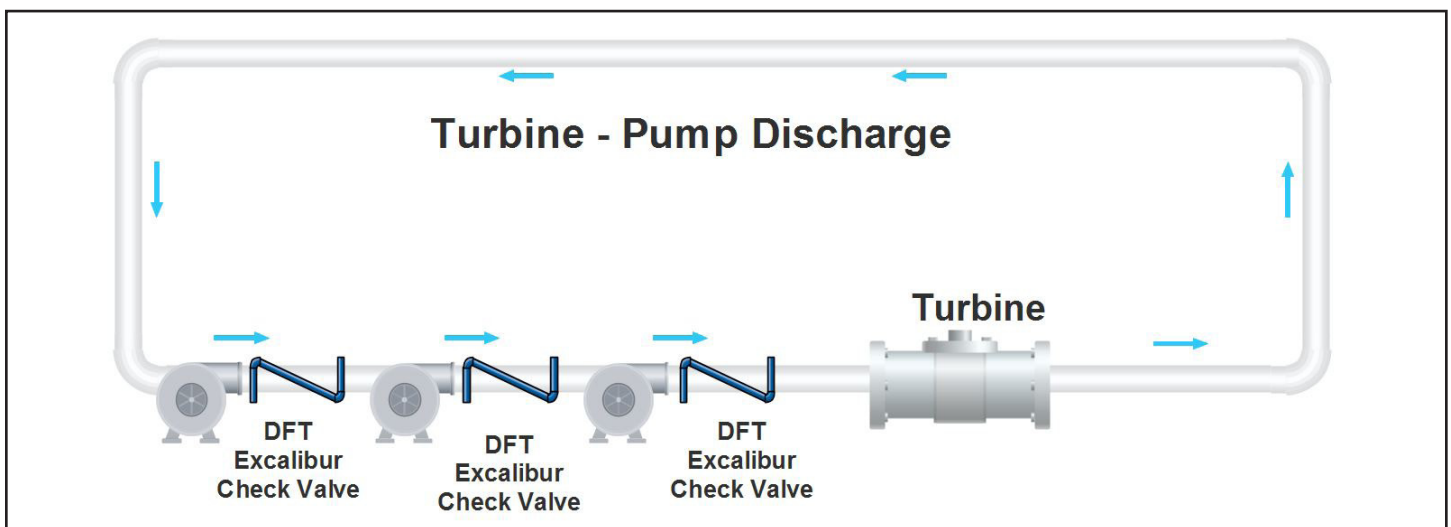
### Features:

- 2" to 24" line size\*
- ASME class 150 to 1500
- RF & RTJ flanged ends, butt weld ends
- ASME B16.10 face-to-face dimensions
- Stainless steel trim
- Center-guided/dual-guided stem
- Spring assisted silent closing, non-slam
- Tight shutoff – lapped disc & seat
- Two-piece body



- Horizontal or vertical installation

*\*For larger sizes, contact DFT*



*Contact DFT for a solution to your problem.*