



## APPLICATION STORIES

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### APPLICATION: **POWER PLANT**

#### PROBLEM:

A 300 megawatt power plant required a chemical feed system to supply hydrazine to a boiler. The hydrazine acts as an oxygen scavenger, and must be delivered in a precise and consistent quantity. While metering pumps can deliver chemicals in precise amounts, their reciprocating action will not allow delivery in a smooth and consistent flow.

#### SOLUTION:

A BLACOH SENTRY III pulsation dampener was installed in the common discharge of two metering pumps to create smooth and consistent flow.

#### RESULT:

Hydrazine is now delivered to the boiler in a precise and consistent quantity. In addition, pipe vibration has been eliminated, gauge accuracy has been maximized, and pump component stress has been reduced.



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