

ESD[®] ACTUATOR APPLICATION DATA SHEET



Solar Powered ESD[®] Actuator Protects Oklahoma Products Pipeline at Navigable River Channel

Headed for a pipeline valve site where commercial power is unavailable, this solar powered type SR rotary unit will permit remote shutoff of a critical products pipeline if damage occurs from barge traffic or heavy rains. Solar electrical energy is used to generate hydraulic pressure. This hydraulic pressure is used to hold the valve open and compress a powerful self-contained spring. If valve closure is required hydraulic pressure is released and the spring quickly closes the valve, preventing further loss of product.

Type: SR - ROTARY

ADS No. 7105

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