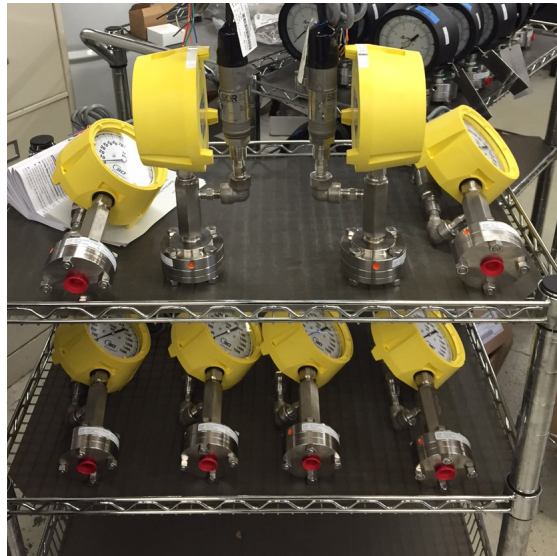
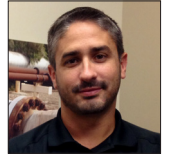


*Submitted by  
Jerry P. Samaniego from  
CFM SAN DIEGO INC.  
Thanks, Jerry!*



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**Product** 815PT Smart Pressure Transmitter  
**Application** Boiler Feed Water Application  
**Industry** Power Generation/Industry

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**Challenge** Gauge/Transmitter Diaphragm Seal Retrofit

A customer at a natural gas combined cycle power plant specified requirements to monitor their boiler feed water pressure both locally with a gauge and remotely via a 4-20mA signal. The customer also required a HART® compatible device for increased diagnostic data acquisition at their PLC. In addition, a diaphragm seal isolation was required to manage scaling build up that can occur in the lines.

**Solution** SOR Inc. and CFM – San Diego, Inc. were able to supply a complete package solution highlighted by the 815PT to resolve all requirements and meet this customer's specified challenge. With the assistance of a local gauge/diaphragm seal manufacturer, we were able to retrofit the 815PT and gauge to share the same diaphragm seal process connection. The customer is now fully satisfied with the installed solution as they are now able to read pressure locally with a gauge and offer a 4-20mA output while communicating via HART all in a single efficient and cost effective package.

