

## **HydraTite Seal**

**Project:** Nuclear Station Expansion Joint

**Application:** Power Generation Pipeline

**Product:** HydraTite Seal

**Substrate / Area:** Carbon Steel, Prepared and Coating to Nuclear Specifications.

**Installation:** March 2007

### **The Challenge**

Client requested repair to two 96" Circulating water pump expansion joints.

### **The Solution**

HydraTite's innovative repair of Circulating Water Expansion Joints

Engineers walked down the project, reviewed drawings and system operating parameters and provided an engineered solution. This solution utilized the HydraTite Seal with three – three piece 316 stainless steel bands, an Extra Wide HydraTite seal and a 16 gauge stainless steel backing plate to provide an internal slip joint repair.

The crew and all materials entered through an existing manhole and were able to complete the system installation safely and within Clients Nuclear Safety procedures within the work window provided by the station. Once the system was completed the engineering staff provided Client's Engineers with the as built drawings so that they could complete the design change package.



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