

Cracked Flange On Transformer Repaired With The Unit In-Service



Colt technicians were called in to fix a leaking transformer flange; after arriving on-site it was determined that a flapper valve flange had cracked. Measurements were taken and transmitted to Colt engineers in LaPorte, TX. A split enclosure was designed and manufactured by Colt and delivered to the job-site in just over twenty-four hours. The enclosure was installed over the damaged flanges and injected with our S-22 sealant. After the sealant has been hydraulically injected, the injectors are removed and Teflon coated pipe plugs are installed. The proprietary, two-part rubber like sealant will not bond to the flanges and maintains a “memory” that allows the sealant to expand and contract as needed due to temperature changes and vibration. This sealant has excellent dielectric properties and has had dissolved gas analysis completed.

All repairs are guaranteed for two years.