



2012: Taking the stress out of Nuclear

General Rubber Corporation (GRC), with their large-scale modern ISO 9001 & 14001 certified US manufacturing facility, was awarded contracts from Chicago Bridge & Iron (CB&I) to supply all the rubber expansion joints for their AP1000 projects at VC Summer and Plant Vogtle Nuclear Generating Stations. Work included the design, manufacture and testing of 36" and 108" In-Line Pressure Balanced Rubber Expansion Joints vital to minimizing pressure thrust forces, thermal stresses and other external loads on critical piping and equipment. Also supplied were hundreds of conventional rubber expansion joints in sizes ranging from 3" to 120" for other critical and demanding applications. With over 60 years of expansion joint design and manufacturing experience, and as the original equipment supplier in nearly half of the nuclear plants in the United States, CB&I was confident that GRC had the capability and capacity to fulfill their needs.

