

Oldbury Power Station



Located on the Severn Estuary in Gloucestershire, England, Oldbury Nuclear Power Station has supplied power to the National Grid since 1967. In the autumn of 2003 work began to strengthen the Hot Gas Release facility in order to withstand the potential damaged that may result in the unlikely event of an earthquake.

The concrete walls surrounding the facility were reinforced by the addition of several hundred steel I beam stanchions. Cintec anchors were used to provide the secure connection between these vertical supporting posts and the concrete wall itself. Approximately 8000 cintec anchors were installed in all comprising mainly 12mm diameter high yield steel rebar, M10, M12 and M20 studded anchors in 8.8 carbon steel, in lengths of 290mm (7 1/2") to 400mm (16").

The following year further seismic support was added to the brick walls within the facility in the next and final phase of the upgrade.

