

Brokk at Tokai Power Station, Japan

One Brokk 330 and one Brokk 180 remote controlled demolition machine are used in the decommissioning of The Japan Atomic Power Company's Tokai Power Station, the first commercial nuclear power station to be decommissioned in Japan.



The Tokai Power Station

The Japan Atomic Power Company (JAPC) was established in 1957 by the Japanese electricity utilities who are the principal shareholders. The role of the company was to develop the use of nuclear power in Japan. Tokai Power Station was constructed by the General Electric Company (now NNC Limited) as the first commercial nuclear power station in Japan. The station has a gas cooled graphite moderated reactor of 166 MWe.

After 32 years' successful operation, the station was shut down in 1998 and is now under decommissioning. JAPC intend to carry out the decommissioning with their own staff and have found the Brokk machines to be the most suitable equipment for this mission.

"We can build up our experience of the decommissioning by carrying out the work by ourselves", said Mr. Sinichi Okazaki, Assistant Superintendent, Decommissioning Section, Tokai Power Station. "We hope that we can utilize our experience in the growing market of decommissioning of nuclear plants in Japan and also abroad."



Brokk 180 with steel shear at the Water Treatment Plant

Brokk machines are now active in the dismantling of the Water Treatment Plant, a non-radioactive plant of the station. After building up experience of the use of the machines, it is planned to use them in radioactive plants. Another future application is the decontamination of spent-fuel Cartridge Cooling Pond.



Brokk 330 with grapple