

# *Cut-off wall* construction on the site of the new units is finished



One of the important elements of the site preparatory works for the construction of the new nuclear power plant was the construction of the cut-off wall.



Paks II. Nuclear Power Plant Ltd.  
7031 Paks, Pf. 116  
info@paks2.hu • www.paks2.hu



# *Cut-off wall* construction on the site of the new units is finished

While building the new Paks units, it must be taken into account that the site is in the vicinity of the current four nuclear power plant units. Among other things, that is why a cut-off wall, which acts as a water barrier gate, is needed to surround the area of the two new units.

- ▶ The purpose of the cut-off wall is on the one hand to ensure that groundwater can only reach the working pit in a controlled manner and to a minimum extent, and on the other hand to prevent the decrease of groundwater level outside the cut-off wall, which is of the utmost importance for the four units in operation.
- ▶ This is a well-established civil engineering technology that has been used for decades all over the world and in our country as well. The dimensions of the cut-off wall in Paks are anything but ordinary: it has a circumference of two and a half kilometers, a thickness of one meter and a depth of up to 32 meters. The area bounded by the cut-off wall of the Paks units is the size of more than 40 football fields.
- ▶ The cut-off wall works were carried out by the Hungarian subsidiary of Bauer, the well-established German company, which has significant international references.
- ▶ The works will be carried out by the soil consolidation and excavating it to the so-called design level and then the first concrete can be poured.



For the cut-off wall clips, please scan the QR-code!

