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PROJECT PROFILE

PROJECT: Nuclear Power Station - Chemical Resistant Floor Protection
LOCATION: Slovak Republic

THE PROBLEM

The photograph shows an area of the Nuclear Power Station, where the chemical treatment of water takes place.

A high performance, exceptionally chemical resistant coating was sought by the client to protect the floor area in this hostile environment.



THE SOLUTION



The new concrete substrate was prepared in accordance with the Thortex System Recommendation ensuring that the aggregate in the concrete was not exposed and that all resultant dust and abrasive material was removed. The surface was primed with Floor-Tech SP Primer to a thickness of 100 microns.

Two coats of Chemi-Tech UC, each to a thickness of 300 microns, were then applied to the floor area. Chemi-Tech UC is a two component, solvent-free epoxy coating which has been developed for use as the ultimate chemical resistant system and has been used in many other nuclear industry applications.