Supporting Information

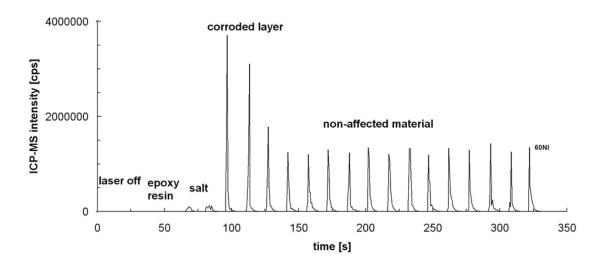
Elemental mapping of structural materials for nuclear reactor by means of LA-ICP-MS

T. Vaculovič ^{1, 2}, T. Warchilová ^{1, 2}, T. Šimo ³, O. Matal ³, V. Otruba ¹, P. Mikuška ⁴, V. Kanický ^{1, 2}

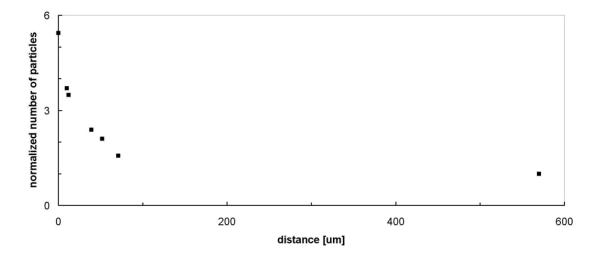
¹Laboratory of Atomic Spectrochemistry, Department of Chemistry, Faculty of Science, Masaryk University, 611 37 Brno, Czech Republic ² Central European Institute of Technology, Kamenice 5, Brno, 62500, Czech Republic

³ ENERGOVÝZKUM, spol. r. o., 61200 Brno, Czech Republic

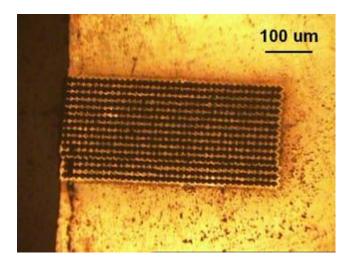
⁴ Institute of Analytical Chemistry of the Academy of Sciences of the Czech Republic, v.v.i., 602 00 Brno, Czech Republic



Caption : Fig. S1: LA-ICP-MS time profile of nickel ICP-MS signal obtained by laser ablation of pure nickel



Caption : Fig. S2: Dependence of the aerosol density on the distance from the edge of the corrosion-affected zone towards the unaffected area (sample A071EV)



Caption: Fig. S3: The grid consisting of lines of isolated ablation craters produced on the section of the test specimen made of pure nickel.