Supplementary Data for

IMPACT OF THE DEGRADATION LEACHATE OF THE POLYACRYLONITRILE-BASED MATERIAL UP2W ON THE RETENTION OF NI(II), EU(III) AND PU(IV) BY CEMENT

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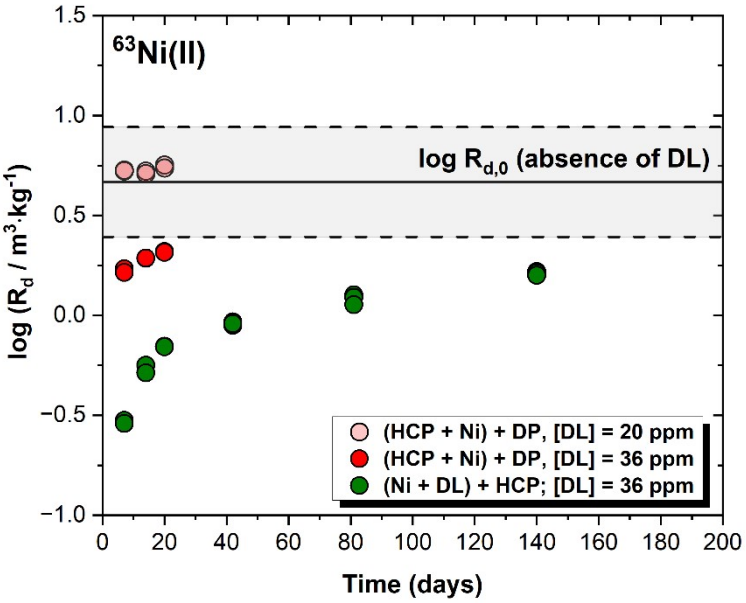

Figure SI-1. *Kinetics for the uptake of ^{63}Ni(II) by HCP in the presence of UP2W degradation leachates at S:L = 1 g·dm^{-3}. Red and green symbols correspond to experiments conducted following the order of addition "(HCP + Ni) + DL" and "(Ni + DL) + HCP", respectively. Solid / dashed lines correspond to R_d values for the uptake of ^{63}Ni(II) by HCP in the absence of degradation leachates.*

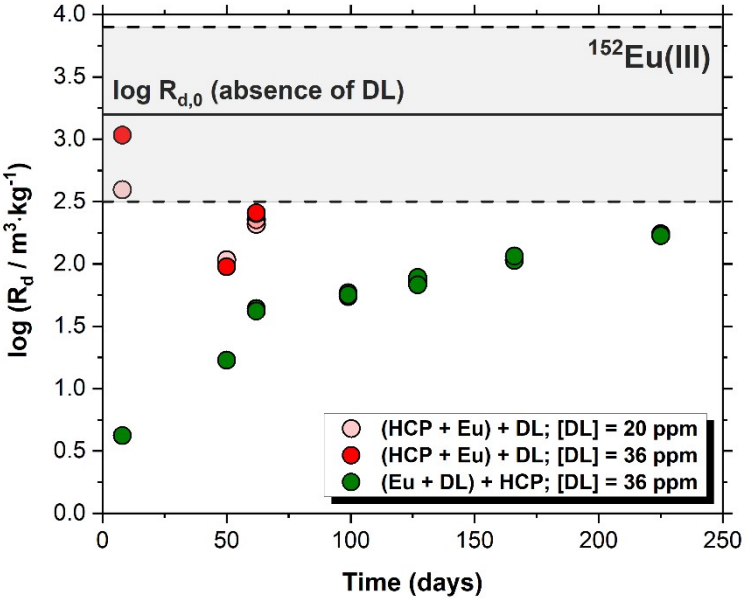

Figure SI-2. *Kinetics for the uptake of ^{152}Eu(III) by HCP in the presence of UP2W degradation leachates at S:L = 1 g·dm^{-3}. Red and green symbols correspond to experiments conducted following the order of addition "(HCP + Eu) + DL" and "(Eu + DL) + HCP", respectively. Solid / dashed lines correspond to R_d values for the uptake of ^{152}Eu(III) by HCP in the absence of degradation leachates.*

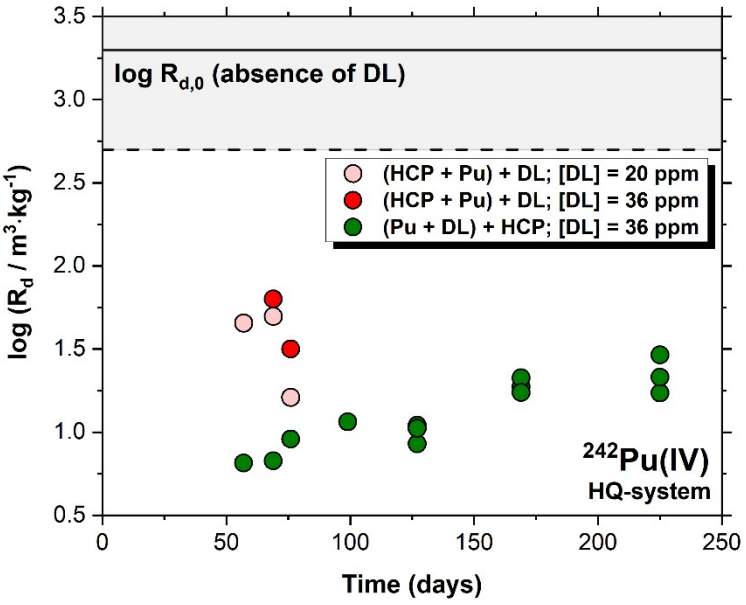

Figure SI-3. *Kinetics for the uptake of ^{242}Pu(IV) by HCP in the presence of UP2W degradation leachates at S:L = 1 g·dm^{-3}. Red and green symbols correspond to experiments conducted following the order of addition "(HCP + Pu) + DL" and "(Pu + DL) + HCP", respectively. Solid / dashed lines correspond to R_d values for the uptake of ^{63}Ni(II) by HCP in the absence of degradation leachates.*