



Materials behavior during the early phase of a severe nuclear accident

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 Specimens Zirconium alloys with 98-99% Zr 2-cm cladding segments Both-side oxidation allowed Composition (approx., main alloying elements) 						
Element	Zircaloy-4	D4	M5	E110	ZIRLO	
Nb	-	-	1	1	1	
Sn	1.5	0.5	0.01	-	1	
Fe	0.2	0.5	0.05	0.008	0.11	
Cr	0.1	0.2	0.015	0.002	< 0.01	
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