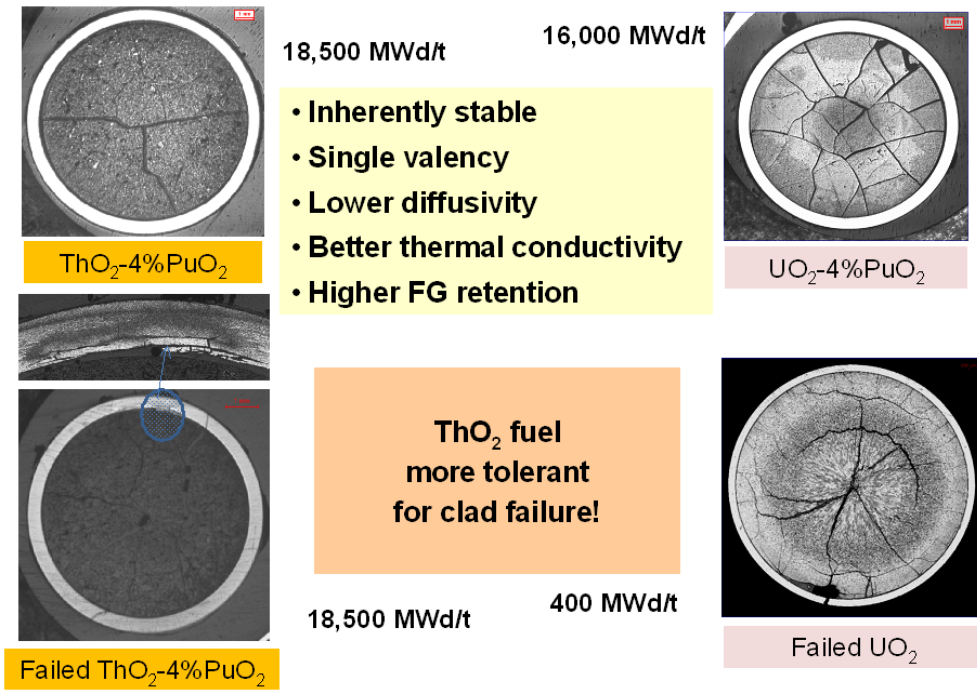


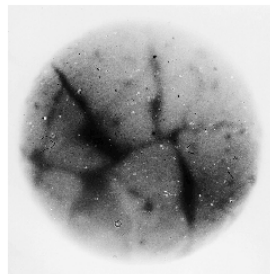
PIE of thoria fuel irradiations carried out at BARC

Comparison of Thoria & Urania based fuel behaviour

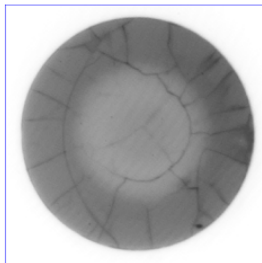


Comparison of performance of urania and thoria

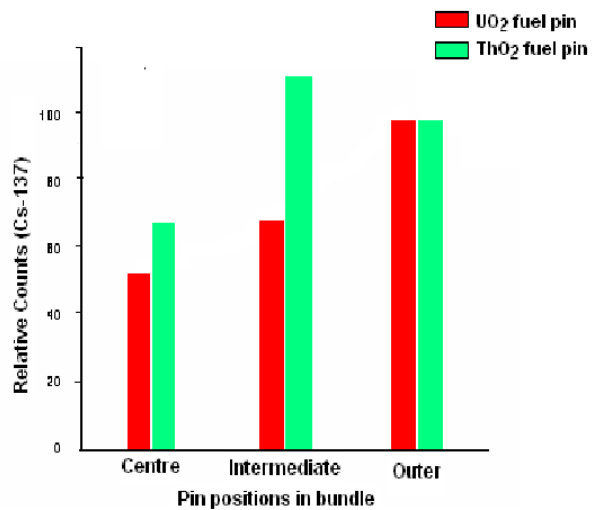
β - γ Autoradiograph



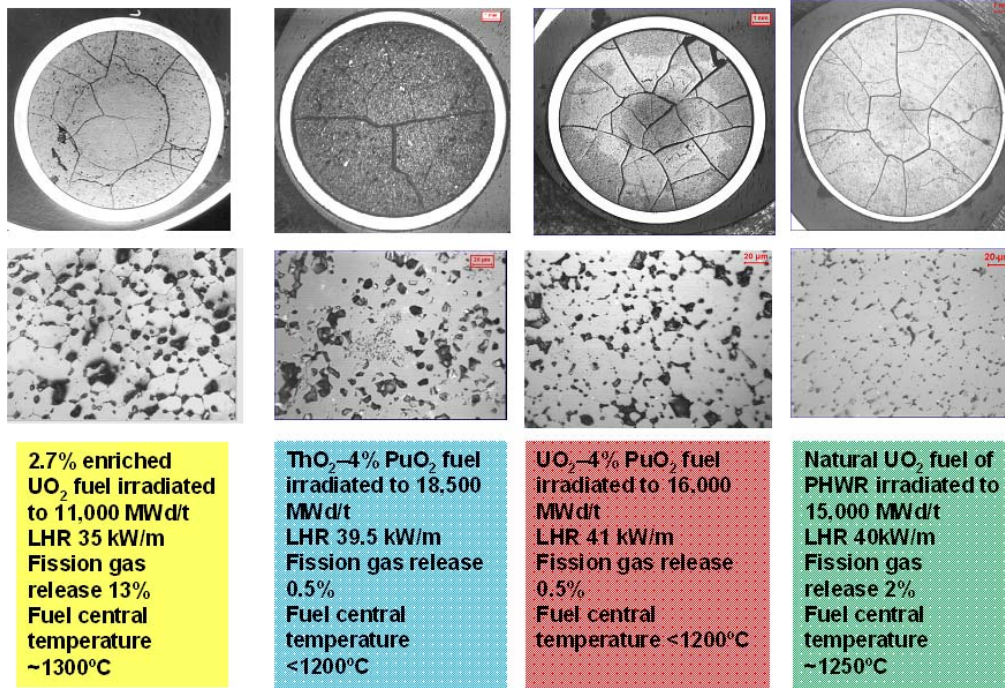
Thoria 12, 000 MWd/tU



Urania 15,000 MWd/tU

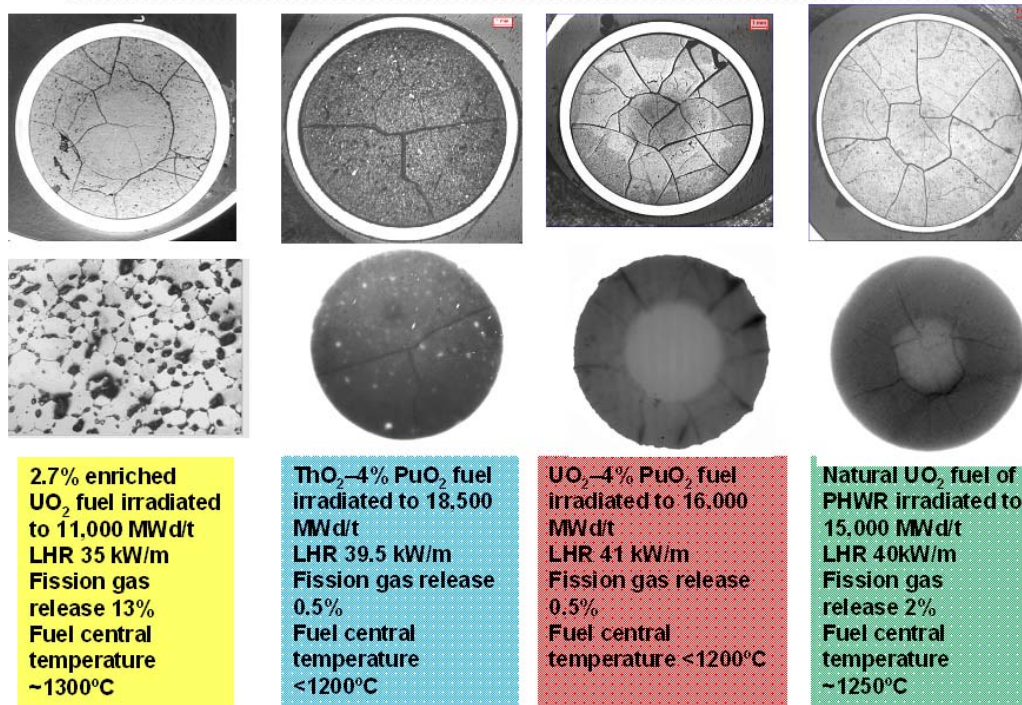


A comparison of the microstructures of irradiated enriched UO_2 , $\text{ThO}_2+4\%\text{PuO}_2$, $\text{UO}_2+4\%\text{PuO}_2$ and natural UO_2 fuels examined



PIED, BARC

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