

Determine Burnup



Loop over Fast-to-Thermal Ratios and Determine:



Determine  $\phi$  ( $^{148}\text{Nd}$ )



Enrichment (Doyle)



Fuel Age ( $^{154}\text{Eu}$ ,  $^{106}\text{Ru}$ ,  $^{144}\text{Ce}$ )



Determine consistency of age indicators



Store Information from calculation

Calculate  
with next  
Fast-to-  
Thermal  
Ratio

