

TITLE NUSSC Comments on DS488 as “Design of the Reactor Core for NPPs”

COMMENTS BY REVIEWER				RESOLUTION			
Reviewer: Japan NUSSC Member Country/Organization: Japan NRA			Page 1 of 1 Date: 31/10/2017				
No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1.	3.143.	Unplanned power manoeuvring during flexible operation may alter the power and burnup profile across the core. As such, predictions of core-related parameters associated with depletion of fuel and burnable absorber and other reactor physics <u>nuclear</u> parameters should be continuously or periodically examined and evaluated, using relevant monitoring parameters.	Consistent wording as in 3.142. (“reactor physics parameters” should be “nuclear parameters”)	X			

COMMENTS BY REVIEWER				RESOLUTION			
Reviewer: Egypt				Page 1 of 1			
Country/Organization: Egypt				Date: 04/11/2017			
No.	Para/Line No.	Proposed new text	Reason	Accepted	Accepted, but modified as follows	Rejected	Reason for modification/rejection
1	Page 7 Para 2.24	As indicated in Requirement 42 of [1], safety analysis is required to evaluate and assess challenges to safety in all applicable plant states, using deterministic and probabilistic approaches including uncertainties to the extent possible.	Probabilistic approaches also required in safety analysis			X	To avoid confusion with PSA for an NPP, we do not want to use the term “probabilistic approach” for reactor core safety analysis.