

ISO 16966:2013-12 (E)

Nuclear energy - Nuclear fuel technology - Theoretical activation calculation method to evaluate the radioactivity of activated waste generated at nuclear reactors

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Theoretical evaluation method	2
3.1	General methodology	2
3.2	Point method	2
3.3	Range method	2
4	Calculations	4
4.1	General	4
4.2	Selection and determination of input parameters and conditions	4
4.3	Activation calculations	6
4.4	Validation and uncertainties	7
4.5	Records	8
Annex A (informative) Application and example of the theoretical activation calculation method		9
Annex B (informative) Suggested procedure for the point method for activation calculation		15
Annex C (informative) Suggested procedure for range method for setting input data for activation calculations		21
Annex D (informative) Dealing with uncertainties		39
Annex E (informative) Reporting of results		43
Bibliography		45