

ISO 11311:2011-07 (E)

Nuclear criticality safety - Critical values for homogeneous plutonium-uranium oxide fuel mixtures outside of reactors

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Reference systems concerned by this International Standard	1
4.1	Reference fissile media	1
4.2	Moderation conditions	3
4.3	Geometrical models	4
4.4	Reflecting conditions	4
5	Critical values	4
5.1	Presentation of the results	4
5.2	Requirements	4
6	Subcritical limits and margin of safety	5
Annex A (informative) Reference fissile media		6
Annex B (informative) Criticality schemes used for the calculations		7
Annex C (normative) Critical dimensions for a water reflection of 30 cm		9
Annex D (normative) Critical dimensions for a water reflection of 2,5 cm		10
Annex E (normative) Critical parameters for a water reflection of 30 cm		11
Annex F (normative) Critical parameters for a water reflection of 2,5 cm		12
Bibliography		13