



BSI Standards Publication

Design of nuclear power plants against seismic events

Part 6: Post-seismic measures

National foreword

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**International
Standard**

ISO 4917-6

**Design of nuclear power plants
against seismic events —**

**Part 6:
Post-seismic measures**

*Conception parasismique des installations nucléaires —
Partie 6: Dispositions et actions post-sismiques*

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Contents		Page
Foreword.....		iv
Introduction.....		v
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Procedure.....	2
4.1	General requirements.....	2
4.2	Verification of the earthquake.....	2
4.3	Classification of the earthquake.....	3
4.4	Initial measures.....	3
4.4.1	Plant check-up from the control room and plant walk-down inspection (Figure 2 , chart item 3).....	3
4.4.2	Deviations caused by the earthquake (Figure 2 , chart item 4).....	4
4.4.3	Specified normal operation condition in accordance with the operating manual (Figure 2 , chart item 5).....	4
4.5	In-depth measures.....	4
4.5.1	General.....	4
4.5.2	Special/Seismic inspections and analyses (Figure 2 , chart item 6).....	4
4.5.3	Specified normal operation condition and permissible loads (Figure 2 , chart item 7).....	5
4.5.4	Shutdown inspection (Figure 2 , chart item 9).....	5
4.6	Resulting measures.....	5
4.6.1	Continued operation (Figure 2 , chart item 8).....	5
4.6.2	Shutting down the plant (Figure 2 , chart item 10).....	5
4.6.3	Additional procedures (Figure 2 , chart item 11).....	6
Annex A (informative) Derivation of factor, <i>f</i>		7
Annex B (informative) Directives for plant walk-down inspections.....		9
Annex C (informative) Special/Seismic inspections.....		10
Bibliography.....		12

Foreword

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Introduction

The requirements in this document are based on the verification concept 'Inspection earthquake level' given in ISO 4917-1.

Up to the point where the value of the inspection level is not decisively exceeded, no earthquake-related deviations that could put specified normal operation conditions into question need to be expected in any areas designed against seismic events. Nevertheless, certain measures are performed to verify specified normal operation conditions before the inspection level is decisively exceeded, those measures are specified in this document.

Whenever the value of the inspection level is decisively exceeded, earthquake-related deviations that could put the specified normal operation condition into question cannot anymore be ruled out in the areas designed against seismic events. Therefore, if the inspection level is decisively exceeded the nuclear power plant is shut down and the measures are performed as specified in this document.