

CONTENTS

1.	INTRODUCTION.	1
	Background (1.1)	1
	Objective (1.2)	1
	Scope (1.3-1.7)	1
	Structure (1.8).	3
2.	MANAGEMENT SYSTEM FOR COMMISSIONING (2.1-2.5) ..	3
	Management responsibility (2.6-2.13).	5
	Resource management (2.14-2.19)	6
	Process implementation (2.20-2.25)	8
	Measurement, assessment and improvement (2.26-2.33)	8
3.	COMMISSIONING PROGRAMME	10
	General objectives (3.1-3.12)	10
	Format and content (3.13).	11
	General description (3.14)	12
	Organization and responsibilities (3.15)	12
	Commissioning stages (3.16-3.19)	12
	Commissioning procedures and reports (3.20-3.21)	13
	Documentation needs (3.22-3.23)	13
	Management system (3.24)	14
4.	COMMISSIONING ORGANIZATION.	14
	Organization (4.1-4.8).	14
	Management group (4.9-4.14)	16
	Construction group (4.15)	16
	Commissioning group (4.16).	17
	Operating group (4.17)	17
	Other groups (4.18)	17
	Responsibilities.	18
	Operating organization (4.19-4.23)	18
	Management group (4.24).....	19
	Construction group (4.25)... ..	19
	Commissioning group (4.26).....	20
	Operating group (4.27)	21

Safety committee(s) and regulatory body (4.28-4.30).	22
Other groups (4.31)	22
Interfaces between activities of participating groups (4.32-4.33) . . .	23
Interfaces between construction and commissioning activities (4.34)	23
Interfaces between commissioning and operating activities (4.35) . .	23
Handover of the facility (4.36-4.39).....	24
Emergency planning (4.40-4.42)	25
5. COMMISSIONING STAGES.	25
General (5.1-5.8)	25
Stages, tests and prerequisites	26
Stage A: Tests prior to fuel loading (5.9-5.13)	26
Stage B: Fuel loading tests, initial criticality tests and low power tests (5.14-5.28).	27
Stage C: Power ascension tests and power tests (5.29-5.36).	30
6. COMMISSIONING PROCEDURES AND REPORTS.	32
Procedures (6.1-6.6)	32
Report~ (6.7-6.12)	33
7. DOCUMENTATION (7.1-7.3)	34
Record keeping (7.4-7.6)	35
Updating the safety analysis report (7.7)	36
8. COMMISSIONING OF NEW EXPERIMENTAL DEVICES AND MODIFICATIONS.	36
General (8.1-8.6)	36
Extension of commissioning period (8.7)	37
APPENDIX: PREREQUISITES AND TESTS FOR EACH STAGE OF COMMISSIONING.	39
REFERENCES.	55
GLOSSARY	57
CONTRIBUTORS TO DRAFTING AND REVIEW.	61
BODIES FOR THE ENDORSEMENT OF IAEA SAFETY STANDARDS.	63