CONTENTS

1.	GOALS	9
	1.1 PHYSICS OBJECTIVES	9
	1.2 TECHNOLOGY GOALS	11
2.	OPERATIONAL PLANS	13
	2.1 PHYSICS PHASE EXPERIMENTAL PLAN	13
	2.1.1 Zero-activation phase	13
	2.1.2 Low-activation phase	15
	2.1.3 High-activation phase	15
	2.2 TECHNOLOGY PHASE OPERATIONAL PLAN	16
	2.3 REMOTE-SITE PARTICIPATION IN ITER OPERATIONS	16
3.	OPERATIONS AND RESEARCH PROGRAMME -	
	PHYSICS PHASE	19
	3.1 REFERENCE PHYSICS OPERATIONAL MODES	19
	3.2 OPERATIONAL FLEXIBILITY	22
	3.2.1 Overview of options	23
	3.2.2 Machine design with flexibility	24
	3.3 DIAGNOSTIC CAPABILITY	28
	3.4 COMMISSIONING AND DESIGN CODE	
	VALIDATION TESTS	29
4.	OPERATIONS AND RESEARCH PROGRAMME -	
	TECHNOLOGY PHASE	35
	4.1 TESTING REQUIREMENTS	35
	4.2 NUCLEAR COMPONENT TECHNOLOGY TESTS	39
	4.2.1 Test programme description	39
	4.2.2 Ancillary equipment, configuration and maintenance	52
	4.2.3 International aspects of the test programme	58