

# CONTENTS

1.	INTRODUCTION. ....	1
1.1.	Background.....	1
1.2.	Objective.....	2
1.3.	Scope.....	2
1.4.	Structure.....	3
2.	THE CONCEPT OF DEFENCE IN DEPTH. ....	4
2.1.	General considerations. ....	4
2.2.	Fulfilment of the fundamental safety functions. ....	7
3.	APPROACH FOR MAKING AN INVENTORY OF THE DEFENCE IN DEPTH CAPABILITIES OF A PLANT. ....	8
3.1.	Description of the approach. ....	8
3.2.	Specification of the provisions. ....	11
3.3.	Objective trees. ....	15
4.	APPLICATIONS. ....	18
5.	CONCLUSIONS. ....	20
APPENDIX I:	FUNDAMENTAL SAFETY FUNCTIONS AND SAFETY FUNCTIONS. ....	23
APPENDIX II:	OBJECTIVE TREES FOR ALL LEVELS OF DEFENCE IN DEPTH. ....	26
APPENDIX III:	SCREENING OF DEFENCE IN DEPTH CAPABILITIES OF WWER 440/V213 REACTORS. ....	98
REFERENCES		115
DEFINITIONS. ....		117
CONTRIBUTORS TO DRAFTING AND REVIEW. ....		120