

CONTENTS

Introduction	5
Table 1. Nuclear power reactors in operation and under construction, 31 Dec. 2000	8
Table 2. Reactor types and net electricity power, reactors connected to the grid, 31 Dec.2000	10
Table 3. Reactor types and net electrical power, reactors under construction, 31 Dec. 2000	12
Table 4. Construction starts during 2000	13
Table 5. Connections to the grid during 2000]]]]]]	14
Table 6. Reactor years experience, up to 31 Dec.2000	15
Table 7. Reactor units and net electrical power, 1965 to 2001	17
Table 8. Reactors connected to the grid, 31 Dec. 2000	19
Table 9. Reactors under construction, 31 Dec. 2000	40
Table 10. Reactors shut down, 31 Dec. 2000	42
Table 11. Annual construction starts and connections to the grid, 1955 to 2000	47
Table 12. Average construction time span.	48
Table 13. Cumulative performance factors for non-prototype reactors up to 1999.	50
Table 14. Average full outage statistics for non-prototype reactors during 1999.	51
Table 15. Causes of unavailability during 1999 for non-prototype reactors	52
Table 16. Causes of unavailability, 1971 to 1999, for non-prototype reactors	53
Table 17. Countries – abbreviations and summary	54
Table 18. Reactor types – abbreviations and summary	56
Table 19. Operators – abbreviations and summary	57
Table 20. NSSS suppliers – abbreviations andsummary	65

Figure 1. Reactors in operation and net electrical power (as of 31 Dec. 2000)	69
Figure 2. Reactors under construction and net electrical power (as of 31 Dec. 2000).	70
Figure 3. Nuclear share of electricity generation (as of 31 Dec. 2000)	71
Figure 4. Average construction time span (as of 31 Dec. 2000)	72
Figure 5. Number of reactors in operation by age (as of 31 Dec. 2000)	73
Figure 6. Annual construction starts and connections to the grid (1955-2000)	74