

TABLE OF CONTENTS

1. Introduction	7
2. NIKIET – chief designer of research reactors.....	19
3. From F-1 to MBIR	25
3.1 NRC KI.....	29
3.2 NIKIET.....	67
3.3 RIAR.....	75
3.4 IRM.....	114
3.5 PNPI	124
3.6 ITEP.....	144
3.7 IPPE.....	150
3.8 NIFHI	162
3.9 VNIIEF	168
3.10 VNIITF	189
3.11 JINR.....	202
3.12 NIIP	208
3.13 MEPhI.....	216
3.14 FTI TPU.....	228
3.15 OKBM	234
3.16 OKB GP.....	242
3.17 MSZ.....	248
3.18 KRSI	252
3.19 MPEI.....	257
4. MBIR – an innovative reactor for support of innovative designs	261
5. Advanced designs of research reactors	267
6. Center for collection and analysis of information on safety of Russian nuclear research facilities.....	277
7. Conclusion.....	281
Glossary	285
Abbreviations	291