

CONTENTS

SUMMARY	1
1. INTRODUCTION	3
1.1. Background	3
1.2. Objective	3
1.3. Scope	4
1.4. Structure	4
2. SOCIOECONOMIC EFFECTS OF FINAL SHUTDOWN AND DECOMMISSIONING	5
2.1. Impacts on the workforce	6
2.2. Impact on the local community	10
2.3. Impact on the wider community	12
3. FACTORS THAT AFFECT THE SCALE OF SOCIOECONOMIC IMPACT	15
3.1. Size of the workforce	15
3.2. Location	16
3.3. Decommissioning strategy	16
3.4. Type of site	17
3.4.1. Research reactors and other small sites	18
3.4.2. Large research, fuel cycle and defence sites	20
4. MANAGING THE SOCIOECONOMIC IMPACT	21
4.1. Principles of intervention	22
4.2. Socioeconomic planning	24
4.3. Communications and consultation	27
4.3.1. Communication with the workforce	28
4.3.2. Communication within the community	29
4.3.3. Investment	30

5.	INDUSTRY EXPERIENCE OF THE MANAGEMENT OF SOCIOECONOMIC IMPACTS	32
5.1.	Armenia	33
5.2.	Bulgaria	33
5.3.	France	34
5.4.	Germany	34
5.5.	Lithuania	36
5.6.	Russian Federation	36
5.7.	Spain	36
5.8.	Sweden	38
5.9.	Ukraine	39
5.10.	United Kingdom	40
5.11.	United States of America	42
6.	CONCLUSIONS	44
	REFERENCES	45
	ANNEXES: NATIONAL AND PROJECT EXPERIENCE	49
	ANNEX I: CREYS-MALVILLE, FRANCE: SOCIOECONOMIC IMPACT OF DECOMMISSIONING	51
	ANNEX II: SOCIAL ASPECTS OF NUCLEAR POWER PLANT DECOMMISSIONING AT THE GREIFSWALD SITE IN GERMANY	56
	ANNEX III: DECOMMISSIONING IN LITHUANIA	64
	ANNEX IV: SOCIOECONOMIC ASPECTS OF DECOMMISSIONING PROJECTS IN THE RUSSIAN FEDERATION	74
	ANNEX V: SOCIOECONOMIC IMPACT OF THE DISMANTLING OF VANDELLÒS I NUCLEAR POWER PLANT, SPAIN	82

ANNEX VI: BARSEBÄCK NUCLEAR POWER PLANT IN SWEDEN: TRANSITION TO DECOMMISSIONING	97
ANNEX VII: SOCIOECONOMIC POSITION IN THE UNITED KINGDOM AND THE DOUNREAY PROJECT	111
ANNEX VIII: PRODUCING A SOCIOECONOMIC DEVELOPMENT PLAN IN THE UNITED KINGDOM	122
ANNEX IX: LESSONS LEARNED AND CASE STUDIES	128
CONTRIBUTORS TO DRAFTING AND REVIEW	136