Nuclear Energy Series publications under preparation
(January 2019)

1. Disposal Options for Smaller Radioactive Waste Inventories
2. Costs Assessment Methodologies for The Back End of the Fuel Cycle
3. Options for Managing Separated Plutonium
4. Establishing and Managing a Radioactive Waste Management Organization with Responsibility for Repository Development
5. Responsibilities and Capabilities of Owner/Operators in the Development of a National Infrastructure for Nuclear Power
6. Managing Siting Activities for Nuclear Power Plants (NG-T-3.7 (Rev.1))
7. Establishing Communities of Practice in Nuclear Organizations
8. KM Perspectives on External Services and Outsourcing in Operating Facilities
9. Decontamination Approaches during Outage in Nuclear Power Plants: Experiences and Lessons Learned
10. Design Basis Reconstitution for Long Term Operation of Nuclear Power Plants
11. Design Modification Process in Nuclear Power Plant Lifetime
12. Fire Protection Guidelines in Nuclear Power Plants
13. Nuclear Facility Personnel Training: Methodology, Guidance and Practices
14. Evaluation of Human Resource Development for Nuclear Facilities
15. Instrumentation and Control Aspects of Human Factors Engineering: Design and Analysis
16. Transition Management from Operation to Decommissioning in Nuclear Power Plants
17. Justification of Commercial Industrial I&C Equipment For NPP Applications
18. Workforce Planning for New Nuclear Power Programmes (Rev.1)
19. Commissioning of Nuclear Power Plants: Training and Human Resource Considerations (Rev. 1)
20. Managing Human Resources in the Field of Nuclear Energy (Rev. 1)
21. Stakeholder Involvement throughout the Life Cycle of Nuclear Facilities (Rev. 1)
22. Staffing of a First Nuclear Power Programme and Nuclear Power Plant: Guidelines and Practices
23. Grid Reliability and Stability for Nuclear Power Plant Operations
24. Invitation and Evaluation of Bids for Nuclear Power Plants, 2017 Edition (NP-T-3.9 Rev. 1)
25. Guidance for Nuclear Power Plant Outage Optimization Strategy
26. Management of Design Review and Acceptance by Nuclear Power Plants
27. Initiating Nuclear Power Programmes: Responsibilities and Capabilities of Owner/Operators (Rev. 1)
28. Foreign Material Exclusion Management in Nuclear Power Plants
29. Flow Accelerated Corrosion Management in Nuclear Power Plants

30. Fatigue Assessment in Light Water Reactors for Long Term Operation: Good Practices and Lessons Learned
31. Summary Review on the Application of Computational Fluid Dynamics in NPP Design – Final report of a Coordinated Research Project
32. Methodology for Nuclear Energy Cost Analysis
33. Financing Nuclear Power Plants in the Liberalised Market (A Reference Report)
34. Digital Instrumentation and Control Systems for new facilities and modernization of existing Research Reactors
35. Costing Methods and Financing Schemes to Support Program Planning For Radioactive Waste Disposal
36. Storage of Radioactive Waste
37. Decontamination Methodologies and Approaches
38. Determination of Environmental Remediation End States
39. Decommissioning of Industrial and Research Gamma Irradiators and Management of Associated Radioactive Sources
40. Status and Trends of Sealed Radioactive Source Management
41. Groundwater Remediation at Uranium Mining and Processing Sites
42. The Borehole Disposal of Disused Sealed Radioactive Sources: An Overview
43. Roadmap for Developing A Geological Disposal Programme
44. Asset Management for Sustainable Nuclear Power Plant Operation
45. Characterization, Assessment, Remediation and Management of Buried Wastes at Legacy Trench Sites
46. Mentoring and Coaching for Nuclear Knowledge Management
47. Data Analysis and Collection for Costing of Research Reactor Decommissioning: Report of Phase 2 of the DACCORD Collaborative Project
48. Decommissioning of Nuclear Facilities: Training and Human Resource Development Considerations
49. Vendor and User Responsibilities in Nuclear Cogeneration Projects
50. Practices for Storage of Research Reactor Spent Fuel
51. Reference Plan for Self Sufficiency in the Supply of Selected Radioisotopes Produced in Research Reactors: Case Studies
52. Cost-Benefit Analysis (CBA) of New Nuclear Power Projects
53. Operational Excellence at Nuclear Power Plants
54. Specific Considerations in the Assessment of the Status of the National Nuclear Infrastructure for a New Research Reactor Programme – Reference document for the INIR-RR Missions
55. Management of Nuclear Projects
56. Application of Wireless Technologies in Nuclear Power Plant Instrumentation and Control Systems

57. Design Principles and Approaches for Radioactive Waste Repositories
58. Impact of Fuel Density on Performance and Economy of Research Reactors
59. Engineering and Design Aspects of Computer Security for Instrumentation and Control Systems at Nuclear Power Plants
60. Challenges and Approaches for Selecting, Assessing and Qualifying Commercial Industrial Digital Instrumentation and Control