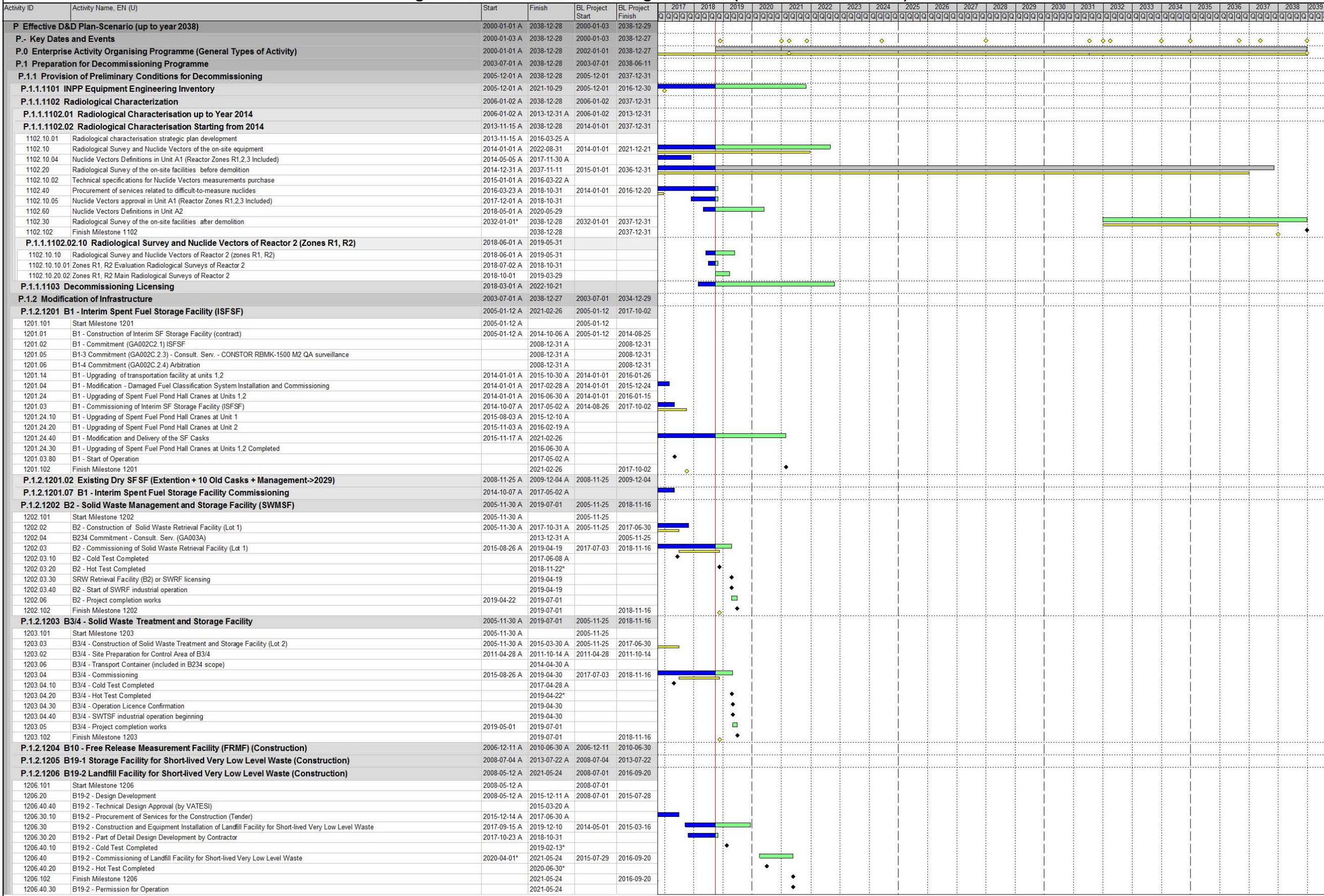


APPENDIX 1

Ignalina NPP Decommissioning Schedule (Data Date 2018-09-30)



Ignalina NPP Decommissioning Schedule (Data Date 2018-09-30)

Activity ID	Activity Name, EN (U)	Start	Finish	BL Project Start	BL Project Finish	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
P.1.2.1207	B25 - Near Surface Repository for Low- and Intermediate-Level Short-Lived Radioactive Waste	2009-01-01 A	2038-12-27	2009-01-01	2031-11-17																							
1207.01	B25-1 Commitment (GA007C)		2009-01-01 A		2009-01-01																							
1207.101	Start Milestone 1207	2009-01-01 A		2009-01-01																								
1207.20	B25 - NSR Design Development	2009-12-11 A	2017-04-25 A	2009-12-11	2015-10-01																							
1207.20.01	B25-1 - NSR Technical Design Approval (by INPP)		2015-06-30 A																									
1207.30	B25 - NSR Construction of 1st Group of Compartments (tender, design development, construction)	2017-04-26 A	2022-10-18	2015-10-02	2020-04-13																							
1207.20.02	B25-1 - NSR Technical Design Approval (by Governmental Authorities)		2017-05-31 A																									
1207.20.03	B25-1 - NSR Permission for Construction		2017-11-21 A																									
1207.30.40	B25 - Commissioning of 1 Group of Compartments	2022-10-19	2023-08-29																									
1207.30.10	B25-2 - Cold Test of 1 Group of Compartments Completed		2022-12-19																									
1207.30.20	B25-2 - Hot Test of 1 Group of Compartments Completed		2023-05-16																									
1207.30.30	B25-2 - Start of Operation		2023-08-29*																									
1207.40	B25-2 - NSR Construction of 2 Group of Compartments (tender, design development, construction)	2023-09-14*	2028-02-23	2021-12-02	2026-01-29																							
1207.40.10	B25-2 - Cold Test of 2 Group of Compartments Completed		2027-02-23*																									
1207.40.20	B25-2 - Hot Test of 2 Group of Compartments Completed		2027-07-20*																									
1207.50	B25-2 - NSR Construction of 3 group of compartments (tender, design development, construction)	2029-01-26*	2034-04-13	2028-01-20	2031-11-17																							
1207.50.10	B25-2 - Cold Test of 3 Group of Compartments Completed		2032-12-27*																									
1207.50.20	B25-2 - Hot Test of 3 Group of Compartments Completed		2033-05-24*																									
1207.60	B25-2 - Construction of monolite ceiling and earthwork covering	2034-04-14	2038-12-27																									
1207.102	Finish Milestone 1207 (Construction 3 Group)		2038-12-27		2031-11-17																							
P.1.2.1208	Engineering Study of Possibility of Industrial Waste Disposal Site Conversion to Final Repository	2014-01-01 A	2016-07-29 A	2014-01-01	2015-06-30																							
P.1.2.1209	Provision of Large Containers for D&D Waste and Associated New Grouting Facility	2014-01-01 A	2014-06-26 A	2013-12-31	2028-11-09																							
P.1.2.1210	Steam Boiler Station (B5/1)	2003-07-01 A	2005-08-26 A	2003-07-01	2005-08-26																							
P.1.2.1211	B35 - Construction of 110/6kV Substation and Connection of INPP Site Consumer to Power Supply from it	2011-01-03 A	2012-06-01 A	2011-01-03	2012-06-01																							
P.1.2.1212	B6 - Modernisation of the Existing Technical Documentation Archive	2003-08-29 A	2005-08-26 A	2003-08-29	2005-08-26																							
P.1.2.1213	B5/2 - Construction of a New Heat Only Boiler Station (B5/2)	2003-07-02 A	2009-12-31 A	2003-07-02	2009-12-31																							
P.1.2.1214	B16 - Controlled Shunt Reactor at the INPP 330kV Switchyard	2006-10-17 A	2008-09-03 A	2006-10-17	2008-09-03																							
P.1.2.1215	B5/3 - Rehabilitation of Pipeline from HOB5 to INPP	2003-10-27 A	2005-07-12 A	2003-10-27	2005-07-12																							
P.1.2.1216	B5/5 - Modernization of INPP District Heating Distribution System	2007-05-17 A	2010-05-31 A	2007-05-17	2010-05-31																							
P.1.2.1217	B5/4 - Internal Installations inside INPP	2003-10-27 A	2005-10-25 A	2003-10-27	2005-10-25																							
P.1.2.1218	B38 - Interim Storage Buildings for Reactor D&D waste	2015-07-31 A	2018-10-01 A	2015-07-31	2022-03-31																							
P.1.2.1219	Expansion of Radioactive Metal Waste Treatment Facility in Bld. 130/2	2013-09-30 A	2019-12-31	2014-01-01	2015-02-27																							
1219.101	Start Milestone 1219	2013-09-30 A		2014-01-01																								
1219.20	Preparatory Stage (Engineering, Tender and Procurement)	2013-09-30 A	2019-03-29	2014-01-01	2015-01-30																							
1219.30	Project Implementation Stage	2013-09-30 A	2019-12-31	2014-01-01	2014-11-28																							
1219.35	Project Implementation Stage (Facility Installation, 1st Phase)	2013-09-30 A	2016-04-22 A																									
1219.50	Project Implementation Stage (Facility Installation, 2nd Phase)	2016-07-01 A	2019-12-31																									
1219.60	Commissioning	2017-08-01 A	2019-03-29																									
1219.70	Final works	2019-10-01	2019-12-31																									
1219.102	Finish Milestone 1219		2019-12-31		2015-02-27																							
1219.40	Commissioning Finish		2019-12-31		2015-02-27																							
P.1.2.1220	B21- Training Centre	2009-01-01 A	2012-05-02 A	2009-01-01	2011-12-31																							
P.1.2.1221	Optimisation of Electric Power Supply Schemes to INPP Consumers	2013-02-28 A	2023-12-29	2013-02-28	2026-12-22																							
1221.101	Start Milestone 1221	2013-02-28 A		2013-02-28																								
1221.20	Preparatory work	2013-02-28 A	2023-12-15	2013-02-28	2025-12-30																							
1221.30	Implementation of Modification	2013-02-28 A	2018-12-31	2013-02-28	2019-12-30																							
1221.40	Construction of a New 110/6 kV Substation	2015-08-03 A	2021-12-31	2016-01-01	2022-12-30																							
1221.50	Switching of Power Supply to INPP Consumers from New Substation	2022-01-03	2023-12-29	2023-01-02	2026-12-22																							
1221.102	Finish Milestone 1221		2023-12-29		2026-12-22																							
P.1.2.1222	B20 - Upgrade of Bituminised Waste Vaults in Bld. 158	2011-01-03 A	2027-06-30	2014-01-01	2024-12-31																							
1222.101	Start Milestone 1222	2011-01-03 A		2014-01-01																								
617	B20-1 Commitment (IP)		2014-01-01 A																									
1222.40	B20 - Geological and Hydrology Researches	2014-09-01 A	2021-05-12	2014-01-01	2014-12-31																							
1222.50	B20 - Additional Geological and Hydrology Researches of Soil in the Vicinity of bld. 158	2014-09-01 A	2016-12-30 A	2014-01-01	2014-12-31																							
1222.20	B20 - Fire Hazard Analysis of bld. 158	2014-12-01 A	2015-05-29 A	2014-01-01	2014-08-29																							
1222.30	B20 - Selection and Safety Case of Alternative Way for Bitumen Storing and Hardening of Liquid Residue	2015-01-01 A	2017-12-29 A	2014-01-01	2015-06-30																							
1222.70	B20 - Confirmation of Long-term Stability and Serviceability of Structures	2018-10-04 A	2019-04-26	2018-01-01	2021-12-31																							
1222.60	B20 - Safety Case of Selected Method for Bitumen Waste Disposal	2021-05-13	2023-03-30	2015-01-01	2017-12-29																							
1222.80	B20 - Decommissioning of 158 Storage and its Modification into Repository	2023-03-31	2027-06-30	2022-01-03	2024-12-31																							
1222.71	Updates SAR Preparation, Agreement with the LR Institutions		2026-12-31*																									
1222.102	Finish Milestone 1222		2027-06-30		2024-12-31																							
1222.72	Repository Commissioning License Obtaining		2027-06-30																									
P.1.2.1223	Erection and Modification of Communication Lines and Utilities (Cancelled)	2006-11-16 A	2017-06-02 A	2004-01-01	2016-12-30																							
P.1.2.1224	Construction of New Temporary Waste Treatment Facility	2029-01-01	2034-12-29	2029-01-01	2034-12-29																							

Activity ID	Activity Name, EN (U)	Start	Finish	BL Project Start	BL Project Finish	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
2204.30	Equipment D&D in Bld. B1	2024-06-12	2026-09-09	2024-06-11	2026-09-09																							
2204.102	Finish Milestone 2204		2026-09-09		2026-09-09																							
P.2.2.2205 D&D in Bld. V1		2009-01-14 A	2024-09-23	2009-01-14	2024-09-23																							
2205.101	Start Milestone 2205	2009-01-14 A		2009-01-14																								
2205.10	Design and licencing of bld. V1 D&D (B9-2)	2009-01-14 A	2011-12-31 A	2009-01-14	2011-12-31																							
2205.20	Provision of tools for bld. V1 D&D (B22/23) (-> 2013)	2011-01-03 A	2013-12-31 A	2011-01-03	2013-12-31																							
2205.50	Preparatory Works for Dismantling in Bld. V1	2012-01-02 A	2012-08-17 A																									
2205.30	Equipment D&D in Bld. V1 (Phase 1)	2012-08-20 A	2014-01-31 A	2012-08-20	2014-02-28																							
2205.40	B22/23 Procurement of Tools for Bld. V1 D&D (Phase 2)	2022-11-18*	2023-06-22	2022-11-17	2023-06-22																							
2205.70	Equipment D&D in Bld. V1 (Phase 2)	2023-06-23	2024-09-23	2023-06-23	2024-09-23																							
2205.102	Finish Milestone 2205		2024-09-23		2024-09-23																							
P.2.2.2206 D&D in Bld. G1		2007-11-01 A	2019-06-27	2007-11-01	2019-06-28																							
2206.101	Start Milestone 2206	2007-11-01 A		2007-11-01																								
2206.10	Design for bld. G1 D&D (B9-1). Commitment (GA007D)	2007-11-01 A	2011-11-22 A	2007-11-01	2011-11-22																							
2206.30	Equipment D&D in Bld. G1 (B9-1)	2010-04-01 A	2016-07-29 A	2010-04-01	2016-06-28																							
2206.20	B14 - Procurement of Dismantling Tools for INPP Building G1, B9-1	2010-04-27 A	2016-07-29 A	2010-04-27	2015-05-26																							
2206.50	Preliminary waste treatment in bld. 130/2 (Low Pressure Turbine Condensers Pipes)	2014-01-01 A	2019-06-27	2014-01-01	2019-06-28																							
2206.102	Finish Milestone 2206		2019-06-27		2019-06-28																							
P.2.2.2207 D&D in Bld. D1		2010-02-01 A	2019-02-06	2011-01-01	2019-02-06																							
2207.101	Start Milestone 2207	2010-02-01 A		2011-01-01																								
2207.10	Dismantling of Contamination-free Equipment of Bld. D1	2010-02-01 A	2019-01-02	2011-01-01	2016-06-24																							
2207.20	Design and Licencing of Bld. D1 D&D	2013-06-01 A	2015-10-30 A	2013-06-01	2016-06-21																							
2207.30	Procurement of Tools for Bld. D1 D&D	2014-10-06 A	2018-11-30	2014-06-30	2016-06-24																							
2207.40	Equipment D&D in Bld. D1	2016-07-01 A	2019-02-06	2016-06-27	2019-02-06																							
2207.102	Finish Milestone 2207		2019-02-06		2019-02-06																							
P.2.2.2208 D&D in Bld. D0		2013-06-20 A	2015-07-30 A	2015-05-01	2018-06-11																							
P.2.2.2209 D&D in Bld. 117/1		2007-08-23 A	2012-04-30 A	2007-08-23	2011-12-16																							
P.2.2.2210 D&D in Bld. A2 and V2		2017-06-01 A	2035-05-18	2016-08-01	2026-12-31																							
2210.101	Start Milestone 2210	2017-06-01 A		2016-08-01																								
2210.10	B9-3(2), B9-2(2). Design and licencing D&D of bld. A2 and V2 (Phase 1)	2017-06-01 A	2022-07-08	2016-08-01	2018-02-23																							
2210.10.01	Technical Design Correction in Accordance with Nuclide Vector, Agreement with Governmental Authorities	2020-12-10	2022-07-08																									
2210.20	B29(A2) Procurement of tools for D&D in bld. A2	2021-07-12*	2027-09-24	2016-09-01	2018-02-26																							
2210.30	Equipment D&D in Bld. A2 (Except the Ventilation Stack), Including Preparation of Dismantling Area	2022-07-11	2035-05-18	2018-02-26	2026-12-31																							
2212.30	Equipment D&D in Bld. V2	2022-07-11	2024-05-10	2020-01-01	2021-06-30																							
2210.40	Equipment D&D in Bld. A2 (Phase 1)	2022-07-11	2029-11-23																									
2210.30.2.10	SPH. Rad. Char. Design&Licencing. SPH Equipment Dismantling.	2032-09-14*	2035-01-11																									
2210.30.30	RH. Rad. Char. Design&Licencing. RH Equipment Dismantling	2035-01-12	2035-05-18																									
2210.102	Finish Milestone 2210		2035-05-18		2026-12-31																							
P.2.2.2211 D&D in Bld. B2		2027-05-21	2031-01-24	2025-02-04	2029-06-29																							
2211.101	Start Milestone 2211	2027-05-21*		2025-02-04																								
2211.10	B9-6(2) Design and licencing of bld. B2 D&D	2027-05-21	2029-04-19	2025-02-04	2027-01-01																							
2211.20	B29(B2) Procurement of tools for bld. B2 D&D	2027-09-16	2029-04-20	2025-06-03	2027-01-01																							
2211.30	Equipment D&D in Bld. B2	2029-04-20	2031-01-24	2027-01-01	2029-06-29																							
2211.102	Finish Milestone 2211		2031-01-24		2029-06-29																							
P.2.2.2213 D&D in Bld. G2		2011-07-01 A	2021-06-22	2013-06-01	2023-01-02																							
2213.101	Start Milestone 2213	2011-07-01 A		2013-06-01																								
2213.10	B9-1(2) Design and Licencing of Bld. G2 D&D	2011-07-01 A	2014-06-18 A																									
2213.30	Preparatory Works for Dismantling in Bld. G2	2011-11-02 A	2014-07-09 A	2013-06-01	2015-01-05																							
2213.50	Preliminary Waste Treatment in Bld. 130/2	2014-01-01 A	2021-06-22	2020-01-02	2023-01-02																							
2213.20	B9-1 - Procurement of Tools for Bld. G2 D&D	2014-06-02 A	2018-10-01	2015-01-06	2016-01-08																							
2213.40	Equipment D&D in Bld. G2	2014-07-10 A	2021-04-22	2015-01-06	2020-01-01																							
2213.102	Finish Milestone 2213		2021-06-22		2023-01-02																							
P.2.2.2214 D&D in Bld. D2		2011-07-04 A	2022-12-29	2016-08-04	2024-02-06																							
2214.101	Start Milestone 2214	2011-07-04 A		2016-08-04																								
2214.40	Dismantling of Contamination-free Equipment of Bld. D2	2011-08-25 A	2022-12-29																									
2214.10	B9-7(2) Design and licencing of bld. D2 D&D	2015-10-01 A	2019-03-29	2016-08-04	2019-02-07																							
2214.20	B29(D2) Procurement of tools for bld. D2 D&D	2018-04-02 A	2019-08-19	2018-02-14	2019-02-07																							
2214.30	Equipment D&D in Bld. D2	2019-01-30	2022-12-29	2019-02-07	2024-02-06																							
2214.102	Finish Milestone 2214		2022-12-29		2024-02-06																							
P.2.2.2215 D&D in Bld. 117/2		2011-06-10 A	2015-08-10 A	2011-06-10	2015-04-03																							
P.2.2.2216 D&D in Bld. 119		2009-01-06 A	2013-07-17 A	2009-01-06	2013-07-31																							
P.2.2.2218 D&D in Waste Treatment Facilities (Bld. 130/2, 150, 157, 151/154)		2018-10-01	2035-11-23	2029-11-07	2035-09-05																							
P.2.2.2219 D&D of																												

Activity ID	Activity Name, EN (U)	Start	Finish	BL Project Start	BL Project Finish	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
2401.102	Finish Milestone 2401		2038-12-28		2038-12-27																								
P.3 SNF Handling Programme		2005-01-03 A	2038-12-28	2006-12-26	2038-12-27																								
P.3.1 SNF Handling in the Scope of the Post-operation		2005-01-03 A	2022-07-29	2006-12-26	2021-11-16																								
P.3.1.3101 Spent NF Handling at Unit 1		2005-01-03 A	2021-06-14	2006-12-26	2021-04-08																								
3101.101	Start Milestone 3101	2005-01-03 A		2006-12-26																									
3101.10	Unit 1 reactor defuelling	2005-01-03 A	2009-12-14 A	2006-12-26	2009-12-14																								
3101.20	Unit 1 SF Pools Defuelling	2017-05-02 A	2021-06-14	2016-11-04	2021-04-08																								
3101.30	SF pool 236/1 defuelling (SF assemblies number 888, rate = 2,3 SFA per day)	2018-11-19*	2019-05-10																										
3101.60	Mounting Systems handling of damaged nuclear fuel Unit 1	2019-05-13	2020-01-27																										
3101.40	SF pool 236/2 defuelling 20%	2019-05-13	2019-07-03																										
3101.50	SF pool 236/2 defuelling 80% (SF assemblies number 2244, rate = 2,3 SFA per day)	2019-07-04	2020-01-21																										
3101.70	Unit 1 Damaged SF Pools Defuelling	2020-06-16*	2021-06-14																										
3101.102	Finish Milestone 3101	2021-06-14		2021-04-08																									
3101.70.01	Spent nuclear fuel removed from Unit 1	2021-06-14																											
P.3.1.3102 Spent NF Handling at Unit 2		2010-01-01 A	2022-07-29	2010-02-01	2021-11-16																								
3102.101	Start Milestone 3102	2010-01-01 A		2010-02-01																									
3102.10	Unit 2 reactor defuelling (up to 2014)	2010-01-01 A	2013-12-27 A	2010-02-01	2013-12-27																								
3102.40	Works related to preparation for reactor defuelling	2014-01-01 A	2017-06-14 A	2014-01-01	2017-03-31																								
3102.30	Unit 2 SF Pools Defuelling	2017-05-03 A	2022-07-29	2017-03-03	2021-11-16																								
3102.20	Unit 2 Reactor Defuelling (SF Assemblies Number 1134)	2017-06-14 A	2018-02-25 A	2017-04-03	2018-11-26																								
3102.30.01	Nuclear fuel removed from reactor of Unit 2		2018-02-25 A																										
3102.25	SF pool 236/2 defuelling (SF assemblies number 1106, rate = 2,3 SFA per day)	2018-11-19*	2019-06-14																										
3102.25.1	SF pool 236/2 defuelling (SF remaining assemblies number 1106, rate = 2,3 SFA per day)	2019-06-17	2019-07-17																										
3102.26	SF pool 236/1 defuelling (SF assemblies number 734, rate = 2,3 SFA per day)	2019-07-18	2019-11-01																										
3102.27	Mounting Systems handling of damaged nuclear fuel Unit 2	2021-06-15	2021-08-16																										
3102.70	Unit 2 Damaged SF Pools Defuelling	2021-08-17	2022-07-29																										
3102.102	Finish Milestone 3102	2022-07-29		2021-11-16																									
3102.01.30	Spent nuclear fuel removed from Unit 2	2022-07-29																											
P.3.1.3102.10 Unit 2 SF Pools Defuelling		2017-05-03 A	2022-07-29																										
3102.01.10	Unit 2 Undamaged SF Pools Defuelling	2017-05-03 A	2021-01-27																										
3102.01.20	Unit 2 Damaged SF Pools Defuelling	2021-08-17	2022-07-29																										
P.3.2 SNF Removal and Transportation		2017-05-02 A	2022-07-29	2016-11-04	2021-11-16																								
P.3.2.3200 SNF Transportation to the Storage		2017-05-02 A	2022-07-29	2016-11-04	2021-11-16																								
3200	SNF transportation to the storage sites	2017-05-02 A	2022-07-29	2016-11-04	2021-11-16																								
3200.101	Start Milestone 3200	2017-05-03 A		2016-11-04																									
3200.102	Finish Milestone 3200		2022-07-29		2021-11-16																								
P.3.3 SNF Storage		2006-12-26 A	2038-12-28	2006-12-26	2038-12-27																								
P.3.3.3300 SNF Handling at the Storage Sites		2006-12-26 A	2038-12-28	2006-12-26	2038-12-27																								
3300.101	Start Milestone 3300	2006-12-26 A		2006-12-26																									
3300.30	Dry SFSF operation	2006-12-26 A	2038-12-28	2006-12-26	2038-12-27																								
3300.10	B1 Operation on the filling phase	2017-05-02 A	2022-07-29	2017-03-03	2021-11-16																								
3300.20	B1 Operation during SNF storage phase	2022-08-01	2038-12-28	2021-11-17	2038-12-27																								
3300.102	Finish Milestone 3300	2038-12-28		2038-12-27																									
P.4 Waste Treatment Programme (Except for SRW Initial Processing)		2005-01-03 A	2038-12-28	2005-01-03	2038-12-27																								
P.4.1 Non-radioactive Waste Treatment		2011-01-03 A	2038-12-28	2014-01-01	2037-05-04																								
P.4.1.4100 Non-radioactive Waste Treatment		2011-01-03 A	2038-12-28	2014-01-01	2037-05-04																								
P.4.2 SRW Treatment		2010-06-30 A	2038-12-28	2010-06-30	2038-12-27																								
P.4.2.4202 SRW Treatment		2010-06-30 A	2038-12-28	2010-06-30	2038-12-27																								
P.4.2.4204 RW Temporary Storage and Disposal		2011-07-01 A	2038-12-28	2011-07-01	2038-12-27																								
P.4.3 LRW Treatment		2005-01-03 A	2038-12-28	2005-01-03	2038-12-27																								
P.4.3.4300 LRW Treatment		2005-01-03 A	2038-12-28	2005-01-03	2038-12-27																								
P.5 Post-operation Programme		2005-01-01 A	2038-12-28	2005-01-03	2038-12-29																								
P.5.0 Units 1,2 - Annual Maintenance Costs		2005-01-03 A	2013-12-31 A	2005-01-03	2013-12-31																								
P.5.1 Operation of Facilities Remaining in Operation throughout the Entire Decommissioning Period		2010-01-01 A	2038-12-28	2014-01-01	2038-12-27																								
P.5.2 Maintenance of to be Decommissioned Facilities up to their Dismantling/demolition		2005-01-01 A	2038-12-28	2014-01-01	2038-12-27																								
P.5.3 Energy Saving		2010-01-01 A	2038-12-28	2010-01-01	2038-12-29																								

Critical Remaining Work
 Actual Work
 Remaining Hammock
 WBS Summary Actual
 Primary Baseline
 Hammock Baseline
 Milestone Baseline
 Milestone
 Actual Hammock
 WBS Summary Remaining