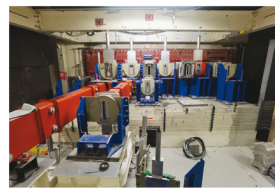
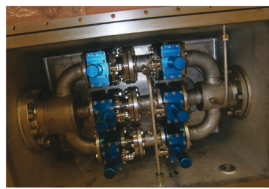
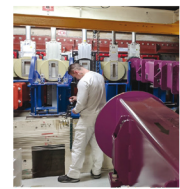
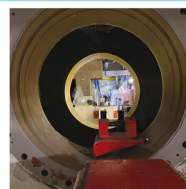
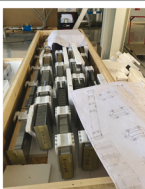
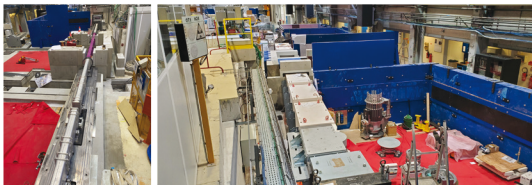
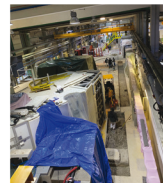
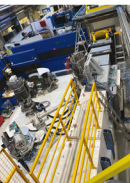


	Oct 21	Nov 21	Dec 21	Jan 22	Feb 22	Mar 22	Apr 22	May 22	Jun 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23
REACTOR SAFETY AND MAINTENANCE	The work on the replacement and seismic reinforcement of the fresh air intake lasted more than a year and was completed in December 2022																	
	Reactor shutdown			Removal of H1–H2 beam tube. Maintenance of safety valves	Cutting of H1–H2 beam tube		Installation of new H1–H2 beam tube. Reinforcement of protective housing of reactor circuits	Replacement of reactor core chimney		CRU: Qualification of emergency core reflood system	Reinforcement of gaseous effluent outlet pipe	Fire protection – many improvements throughout the year	Complete renewal of H1–H2 pool lining	Completion of H1–H2 beam tube sealing	Installation of “Carter Pink” housing	Preliminary clean-up of ILL’s old detritiation facility. Preparation of anchor points for replacement of trolley on polar crane on Level D	Modifications to instrumentation and control throughout the shutdown	Installation of H1–H2 safety valve
																		
ENDURANCE																		
H1–H2 works		Dismantling of H1-H2 guides in pile and in casemate		Dismantling of H1–H2 guides reactor wall pass-through	Installation of new seismically resistant containment wall penetrations for H1–H2 guides					Preparation of new H1–H2 guides		Preparation of in-pile guides	Transfer of “Carter Pink” housing	Installation of guides in reactor pool		Installation of guides in casemate on Level C		
H24 works																		
	Civil engineering work: removal of old instruments and structures and preparation of new foundations and future flooring				Installation of 35 metres of dual guide H241/242 in casemate H2 in guide hall ILL7, in parallel to civil		of dual guide H241/242 in casemate H2 in guide hall ILL7, engineering work for various instruments in guide hall		Assembly of H241/242 guide support structures, installation and alignment of guides (upstream outside casemate H2)		Installation of XtremeD monochromator shielding	Alignment of world’s first borated aluminium guide enabling significant space savings (no need for housing around it)	Construction of biological shielding of experimental areas and installation of H24 instruments				Completion of installation of D10+	View of new instruments of double guide H24
H15 works																		
	Dismantling of casemates H14, H15 and H16 and associated instruments		Laying of foundations for future guide H15	Laying of flooring for instruments D11+, SAM and SHARP+	Installation of central wall of cold guide casemate						Creation of concrete blocks to support future guide H15 in cold guide casemate		Installation of walls of new cold guide casemate	Installation of roof of new cold guide casemate		Installation of HDPE shielding in cold guide casemate (reduction of instrument background)		Transporting of main beam shutter of primary H15 guide to cold guide casemate
																New cold guide casemate and preparation of future secondary H15 guide sections (Jan 23)		
																		
Other projects																		
								Civil engineering work and start of installation of tomography stations NeXT/MOTO			Transfer of D11 detector tube to its new site	Installation of PANTHER background choppers	Installation of instrument casemate for NeXT		Moving of SHARP+ time of flight chamber			
											