



NDA Mid-Year Performance Report

**Mid-Year (end of September 2019)
status for 2019/20**



Introduction

Please note this report provides the status of the Group Key Targets and Business Plan Activities as at the mid-year of the 2019/20 financial year (i.e. as at end of September 2019). The year-end position against these targets and activities (i.e. as at end of March 2020) will be published in the NDA Annual Report and Accounts.

NDA Group Key Targets 2019/20

In addition to the longer term milestones set out in the NDA Business Plan, there are a number of shorter term targets for 2019/20 which are reflected in our Group Key Targets. Progress against these is measured and reported to the NDA Board and Her Majesty's Government (HMG) on a monthly basis.

In 2019/20 we have 33 Group Key Targets. These cover group-wide targets, targets specific to our individual businesses and targets specific to the NDA corporate centre. These are detailed below:

NDA Group Key Targets 2019/20 - Quarter 2							
NDA Vision	Organisation	Strategic Theme	No.	Description	Target	Year End Forecast	RAG
Delivering our mission together safely, securely and more creatively, transparently and efficiently	NDA Corporate Centre	NM	23	Complete the consolidation of Dounreay unirradiated exotics (excluding remnants)	Late Q4	Q3	On Target
		IWM	2	Integrated Waste Programme Business Case approved by NDA Board and endorsed by Theme Overview Group	31 Mar 2020	31 Jan 2020	On Target
		CE	1	Publication of the first version of the Mission Progress Report alongside NDA Annual Report and Accounts	Published	No Caveats	Complete
			3	Magnox Transition Plan	2 Sub-targets	3 Sub-targets	On Target
			4A	Risk: NDA Board risk appetite agreed by NDA Board and cascaded to businesses	31 Mar 2020	31 Dec 2019	On Target
			4B	Risk: Cyber capability enhancement delivered by the Cyber Security Resilience Programme	1 Sub-target	10 Sub-targets	At Risk
			4C	Risk: Cyber Security Centre of Excellence requirements definition completed	2 Sub-targets	4 Sub-targets	On Target
		21	Dounreay Full Business Case produced and endorsed by	31 Dec 2019	01 Feb 2020	Missed	

			NDA Board				
Sellafield	NM	11	Package Integrity Recovery Programme (PIRP) - Finishing line 4 glovebox - active commissioning complete	30 Sep 2019	31 Jul 2019	Complete	
		17	SPRS Retreatment Plant (SRP) - Completion of sheet piling to enable slab construction commencement	31 Mar 2020	20 Sep 2019	Complete	
	IWM	12	Pile Fuel Cladding Silo (PFCS) - Demonstrate early retrieval capability and complete early construction works	1 Sub-target	3 Sub-targets	On Target	
		13	First Generation Magnox Storage Pond (FGMSP) - Units of inventory removed from pond	271 units	362	On Target	
		14	Magnox Swarf Storage Silo (MSSS) - Number of skips filled and placed into an interim store	1 skip	0	Missed	
		15	Waste Vitrification Plant - Vitrification of Highly Active Liquor (HAL)	140m ³	170m ³	On Target	
		16	Box Encapsulation Plant (BEP) - Design, manufacture and delivery of the Waste Treatment Cell (WTC) handlers	31 Oct 2019	30 Oct 2019	At Risk	
		18	Box Encapsulation Plant Product Store Direct Import Facility (BEPPS DIF) - Start of inactive commissioning	31 Mar 2020	18 Apr 2020	Missed	
	CE	19	Mobilisation of Programme and Project Partner (PPP) and handover of projects to PPP partners for delivery	01 Feb 2020	01 Nov 2019	On Target	
	Magnox	SF	22	All fuel off Wylfa site and fuel free verification confirmation from Office for Nuclear Regulation (ONR)	31 Mar 2020	31 Oct 2019	On Target
SDR		20	Ponds drain complete at Dungeness, Oldbury and Sizewell	31 Jan 2020	27 Nov 2019	On Target	
Dounreay	IWM	24	Complete treatment of sodium components	29 Feb 2020	8 Nov 2019	On Target	
RWM	IWM	5	Geological Disposal Facility Programme - Capability and governance	1 Sub-target	2 Sub-targets	At Risk	
Springfield Fuels	SDR	25	Complete decommissioning of the Magnox and AGR Fuel Assembly Plant	31 Mar 2020	30 Nov 2019	On Target	
Creating great places to work	NDA Corporate	CE	6	Group Equality, Diversity and Inclusion	4 Sub-targets	4 Sub-targets	On Target

and taking pride in what we do	Centre		7A	One NDA: Launch of One NDA Handbook and One NDA communications plan agreed by Executive Committee	2 Sub-targets	3 Sub-targets	Complete
			7B	One NDA: Develop a full suite of group functional strategies	Period 12	Period 9	At Risk
			7C	One NDA: Re-run Organisational Health Index survey for the Corporate Centre	31 Mar 2020	31 Mar 2020	On Target
			8A	Great place to work: Lead in the area of mental health and wellbeing across the NDA group	1 Sub-target	7 Sub-targets	On Target
			8B	Great place to work: ICT Transformation - implement new infrastructure, software and working practices	1 Sub-target	2 Sub-targets	On Target
Trusted to do more in the UK and globally	NDA Corporate Centre	CE	9A	Supporting HMG decisions: Provide advice to HMG on AGR optioneering	HMG feedback	HMG feedback	At Risk
			9B	Supporting HMG decisions: Engagement with HMG on spending review	HMG feedback	HMG feedback	Complete
			10A	Supporting HMG initiatives: Support government Brexit negotiations and implement Brexit mitigations	1 Sub-target	1 Sub-target	On Target
			10B	Supporting HMG initiatives: Support, inform and facilitate implementation of the nuclear sector deal	2 Sub-targets	2 Sub-targets	On Target
			10C	Supporting HMG initiatives: Agreement and publication of 'Grand Challenges' for technical innovation	2 Approved	2 Approved	On Target



NDA Mid-Year Performance Report (Quarter 2)

The NDA Business Plan sets out key activities and expected progress for all 17 of the NDA's nuclear sites over the 3 years from 1 April 2019 to 31 March 2022. This report shows the performance on each of the key activities at the end of September 2019. Targets are grouped by strategic theme for each business in the group as well as the NDA corporate centre. Also reported is Safety and Environmental performance information for each business.

Strategic themes key:

SD&R	Site Decommissioning and Remediation
SF	Spent Fuels
NM	Nuclear Materials
IWM	Integrated Waste Management
CE	Critical Enablers

Status Key

ACHIEVED	The key milestone or activity has been achieved during the financial year 2019/20
ON TARGET	The key milestone or activity is on track to be completed to schedule
BEHIND TARGET	The key milestone or activity is delayed and currently forecast for completion behind schedule
MISSED	The key milestone or activity was due for completion during the financial year 2019/20 and this target has been missed
DEFERRED	Activity deferred due to re-prioritisation and/or reallocation of funding (where possible provide revised target)



NDA Corporate Centre Key Activities

Target Summary

Status		Number of targets
Achieved	Target achieved	1
On Target	On target	17
Behind Target	Behind target with possibility of recovery	0
Missed	Behind target – expected to be missed	0
Deferred	Deferred	0

Nuclear Materials			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Work with government to develop a long-term management solution for separated plutonium in the UK. 	2019-2022	On Target	

Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> NDA will work with group businesses to explore alternative disposal options for Higher Activity Waste. 	2019-2022	On Target	

Critical Enablers			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Review of NDA operations and implementation of the accepted recommendations from the Magnox Inquiry, NAO landscape report and Public Accounts Committee. 	2019-2020	On Target	
<ul style="list-style-type: none"> Manage the existing Magnox Limited contract through to termination; and transition to new arrangements. 	2019-2022	Achieved	
<ul style="list-style-type: none"> Development of strategic opportunities that optimise delivery of the mission. 	2019-2022	On Target	
<ul style="list-style-type: none"> Manage special nuclear materials consolidation in agreed locations. 	2019-2022	On Target	
<ul style="list-style-type: none"> Implementation of a group Equality, Diversity and Inclusion (EDI) Strategy. 	2019-2022	On Target	
<ul style="list-style-type: none"> Implement Government led reforms of public sector pensions and exit caps across the NDA group. 	2019-2022	On Target	
<ul style="list-style-type: none"> Provide support to government on nuclear new build decommissioning plans. 	2019-2022	On Target	
<ul style="list-style-type: none"> Working to embed the capability to proactively protect, detect, respond and recover against current and evolving cyber threats. 	2019-2022	On Target	
<ul style="list-style-type: none"> Implementation of our strategic people delivery 	2019-2022	On Target	



plan to enable resource planning, skills development and flexibility and mobility across the group.			
<ul style="list-style-type: none"> Support Small and Medium Enterprise organisations by increasing overall spend with them in line with the government Growth Agenda. 	2019-2022	On Target	
<ul style="list-style-type: none"> Performance management of group businesses. 	2019-2022	On Target	
<ul style="list-style-type: none"> Embed the key tenets of the Industrial Strategy, including active participation in the Nuclear Sector Deal to help achieve HMG key deliverables. 	2019-2022	On Target	
<ul style="list-style-type: none"> Support implementation of forthcoming new nuclear emergency preparedness standards across the NDA group, as part of the UK's implementation of the Basic Safety Standards Directive 2013. 	2019-2022	On Target	
<ul style="list-style-type: none"> International support, sharing knowledge and expertise in decommissioning and clean-up activities. 	2019-2022	On Target	

Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continue working with regulators and government to determine institutional controls appropriate to restoration of nuclear sites. 	2019-2022	On Target	
<ul style="list-style-type: none"> Contribute to sustainability performance under the Greening Government Commitments (GGC). 	2019-2022	On Target	



SELLAFIELD

Target Summary

Status		Number of targets
Achieved	Target achieved	2
On Target	On target	35
Behind Target	Behind target with possibility of recovery	1
Missed	Behind target – expected to be missed	1
Deferred	Deferred	0

Site Decommissioning and Remediation			
<p>The areas of principal focus are the redundant Legacy Ponds and Silos facilities, made up of the Pile Fuel Storage Pond, Pile Fuel Cladding Silo, First Generation Magnox Storage Pond and Magnox Swarf Storage Silo. These facilities supported the development of the nuclear programme in the UK from the early 1950s. Latterly, they have supported the generation of electricity from the fleet of Magnox power stations. These programmes include the removal of nuclear fuel, sludge and solid material which require the provision of equipment to retrieve the various wastes and then treat and store them in interim stores.</p>			
Key Activities	Timescale	Status	Comments
Pile Fuel Storage Pond			
<ul style="list-style-type: none"> Continue sludge and solids retrievals from the pond and wetbays. 	2019-2022	On Target	
<ul style="list-style-type: none"> Complete Bay Dewatering Trial. 	2020-2022	On Target	
Pile Fuel Cladding Silo			
<ul style="list-style-type: none"> Completion of Inactive Safety commissioning of the Box Encapsulation Plant and Product Store (BEPPS)/Direct Import facility. 	2020-2022	On Target	
<ul style="list-style-type: none"> Commence inactive commissioning of waste retrieval equipment. 	2019-2020	Achieved	
<ul style="list-style-type: none"> Begin retrievals from the Pile Fuel Cladding Silo. 	2020-2022	On Target	
First Generation Magnox Storage Pond			
<ul style="list-style-type: none"> Continue bulk sludge removal from D Bay. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue to export fuel and sludge from the pond. 	2019-2022	On Target	
Magnox Swarf Storage Silo			
<ul style="list-style-type: none"> Commence SEP1 (Silo Emptying Plant) Phase 1 active commissioning. 	2020-2022	On Target	
<ul style="list-style-type: none"> Volume manufacture of 3m³ boxes. 	2019-2022	On Target	
<ul style="list-style-type: none"> Begin retrievals from Magnox Swarf Storage Silo (MSSS). 	2019-2020	Missed	Forecast is currently Q2 2020/21. A review of the permissioning activities has provided valuable learning which has been incorporated within the Programme schedule. The review concluded that commencing retrieval of waste will not take place before the end of financial year 2019/20. However, this is still 15 months ahead of the



			Key Decommissioning Milestone target.
Decommissioning and Remediation			
<ul style="list-style-type: none"> Complete decommissioning and demolition of the upper diffuser section of the Windscale Pile Chimney Number 1. 	2020-2022	On Target	
<ul style="list-style-type: none"> Complete demolition of the SEP Head End Stack. 	2020-2022	On Target	

Spent Fuels

All of the spent fuels discharged from the operating Advanced Gas-Cooled Reactor (AGR) power stations and defueling Magnox power stations reactors are sent to Sellafield for management. The management of AGR fuel under contracts with EDF Energy provides a significant income stream to NDA.

Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continue to receive and prepare for receipt of Dounreay spent fuels. 	2019-2022	Behind Target	Shipments of DFR for reprocessing are currently paused due to a waste consents issue related to discharged flask shipments from Sellafield to Dounreay. Discussions are ongoing with Environment Agency / Scottish Environment Protection Agency to resolve the issue. A DFR dry fuel store location at Dounreay has been identified for up to 10 flasks. This project is being initiated and expected to be completed in line with forecasted shipment dates.
<ul style="list-style-type: none"> Continue to receive / manage AGR spent fuel from EDF Energy (EDFE) and prepare for receipt of bulk defueling. 	2019-2022	On Target	Sellafield are supporting the EDFE flask delivery programme. EDFE have reduced the target of 343 flasks to 280 flasks for FY 19/20. AGR Operating Plan (AGROP) programme is managing defueling to ensure readiness for bulk defueling of the AGR fleet of power stations.
<ul style="list-style-type: none"> Completion of Magnox Reprocessing. 	2020-2022	On Target	Magnox reprocessing is currently behind schedule however a recovery plan is in place and we are forecasting to achieve this target.
<ul style="list-style-type: none"> Commence Post Operational Clean Out (POCO) of Magnox Reprocessing Plant. 	2020-2022	On Target	
<ul style="list-style-type: none"> Complete defueling of Calder Hall. 	2019-2020	Achieved	

Nuclear Materials

Sellafield is the custodian of the majority of the UK's stockpile of plutonium which is held in safe and secure storage. Consolidation of special nuclear materials making use of Sellafield's expertise is an ongoing activity and will continue to be part of the site's mission.

Key Activities	Timescale	Status	Comments
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<ul style="list-style-type: none"> Continue the safe and secure storage of plutonium in line with UK policy. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue to receive and securely store special nuclear materials from Dounreay before treatment and repackaging. 	2019-2022	On Target	Completion forecast is currently Q3 2019/20. All sub-assemblies safely and successfully transferred to store. 94% of material has now been consolidated at Sellafield as of Q2 2019/20.
<ul style="list-style-type: none"> Ensure safe, secure management of our uranium inventory. 	2019-2022	On Target	

Integrated Waste Management

The various activities of the site produce wastes in many forms. These require varying degrees of treatment and onward processing. The site will continue to focus on safe, efficient management of these wastes, including: the conversion of Highly Active Liquor (HAL) into passively safe vitrified waste; the return of vitrified material overseas; and the management of on-site intermediate and low level wastes.

Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continue the programme to repatriate overseas owned vitrified waste to its country of origin. 	2019-2022	On Target	
<ul style="list-style-type: none"> Prepare and commence the co-processing of HA POCO solids. 	2020-2022	On Target	
<ul style="list-style-type: none"> Continue to generate savings and preserve capacity at the LLW Repository by diversion of materials into the supply chain. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue the programmes to receive and treat waste materials from Harwell and AWE Aldermaston. 	2019-2022	On Target	

Critical Enablers

A number of key enabling activities require specific focus, ranging from infrastructure refurbishment or replacement projects, in support of the above activities, through to key change programmes which aim to improve operational delivery and efficiency on site.

Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continue the Sellafield Limited transformation to support future business requirements including the development and embedding of a value-led culture. 	2019-2022	On Target	



<ul style="list-style-type: none"> Develop and embed the long-term partnership with the supply chain. 	2019-2022	On Target	<p>We have a number of long-term supply chain partnerships in place (Infrastructure Strategic Alliance, Design Services Alliance, Decommissioning Delivery Partnership), with the new Programme & Project Partners (PPP)- a 20 Year arrangement - awarded in May 2019.</p> <p>To enable the development and maintenance of effective partnerships Sellafield is committed to a Supplier Relationship Management programme as well as embedding the ISO 44001 Collaborative Working standard.</p>
<ul style="list-style-type: none"> Progress the transformation of Project delivery on site and embed PPP (Programme and Project Partnership). 	2019-2022	On Target	
<ul style="list-style-type: none"> Support Small and Medium Enterprise organisations by targeting overall spend with them in line with the government Growth Agenda. 	2019-2022	On Target	<p>SME spend target increases year on year from 31% for FY 19/20 to 33% in FY 21/22.</p> <p>Q1 FY 19/20 achievement was 31.24%.</p>
<ul style="list-style-type: none"> Continue the Sellafield Security Enhancement Programme. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue with improvements to the site utilities infrastructure and new Steam Generating. 	2020-2022	On Target	
<ul style="list-style-type: none"> Continue the programme to ensure the Analytical Services capability is available to support the mission. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continuation of information assurance activities and supporting processes. 	2019-2022	On Target	
<ul style="list-style-type: none"> Embed the key tenets of the Industrial Strategy, including facilitation under the Nuclear Sector Deal. 	2019-2022	On Target	
<ul style="list-style-type: none"> Working to embed the capability to proactively protect, detect, respond and recover against current and evolving cyber threats. 	2019-2022	On Target	
<ul style="list-style-type: none"> Maintain an asset management regime that takes into account the impact of asset condition on meeting regulation. 	2019-2022	On Target	<p>The ageing asset base at Sellafield continues to present challenges to the developed plans and we are working closely with the ONR and the EA in this area through the delivery of a series of Asset Management recommendations and focus areas.</p>

Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Ensure discharges are in line with UK discharge strategy. 	2019-2022	On Target	



<ul style="list-style-type: none">• Reduce environmental risk (including retrieval and treatment of legacy wastes, reduction of HAL stocks).	2020-2022	On Target	
<ul style="list-style-type: none">• Continue joint working between Office for Nuclear Regulation, Environment Agency, Sellafield Ltd, NDA, UKGI and BEIS with the overriding objective of accelerating risk and hazard reduction'.	2019-2022	On Target	
<ul style="list-style-type: none">• Regulatory permissioning in support of decommissioning and demolition activities.	2019-2022	On Target	



MAGNOX

Target Summary

Status		Number of targets
Achieved	Target achieved	7
On Target	On target	93
Behind Target	Behind target with possibility of recovery	5
Missed	Behind target – expected to be missed	0
Deferred	Deferred	7

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continuation of estate decommissioning and demolition activities working towards Interim States. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue preparations for Winfrith to enter its Interim State. 	2019-2022	On Target	

Spent Fuels			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Management of the Magnox Operating Programme (MOP9) and co-ordination of Magnox fuel management activities with Sellafield and Dounreay complete 	2019-2020	On Target	
<ul style="list-style-type: none"> Transfer Magnox fuel flask fleet management responsibility to Sellafield Ltd. 	2019-2020	On Target	
<ul style="list-style-type: none"> Completion of Wylfa defueling 	2019-2020	Achieved	All fuel offsite, Fuel Free Verification confirmation by ONR expected October 2019

Nuclear Materials			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continuation of the programme for the transfer of nuclear materials. 	2019-2022	On Target	

Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Delivery of the Magnox elements of the estate-wide Low Level Waste (LLW) management plan including diversion to alternative treatment. 	2019-2022	On Target	
<ul style="list-style-type: none"> Progression of activities to retrieve, process and package wastes. 	2020-2022	On Target	
<ul style="list-style-type: none"> Asbestos management – Continued focus on the major risk of asbestos including production of an optimised, underpinned strategy for asbestos, without detriment to Care and Maintenance. 	2019-2022	On Target	



Critical Enablers			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Support to the Government in activities to deliver the new build agenda and preparations for decommissioning the AGR fleet. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continuation of information governance activities and supporting processes. 	2019-2022	On Target	
<ul style="list-style-type: none"> Develop and implement a 'Sift and Lift' programme to rationalise all Magnox records and transfer as appropriate to the NDA Archive in Wick. 	2019-2022	On Target	
<ul style="list-style-type: none"> Support Small and Medium Enterprise organisations by targeting overall spend with them in line with government Growth Agenda. 	2019-2022	On Target	
<ul style="list-style-type: none"> Support to the NDA in property activities to reduce NDA decommissioning liability and achieve best value on asset disposal. 	2019-2022	On Target	
<ul style="list-style-type: none"> Development of Interim State approaches, utilising revised management arrangements. 	2020-2022	On Target	
<ul style="list-style-type: none"> Monitoring management arrangements for sites in Care and Maintenance. 	2019-2022	On Target	
<ul style="list-style-type: none"> Implement a change in management arrangements to smoothly transition from a PBO to becoming an NDA subsidiary. 	2019-2022	Achieved	
<ul style="list-style-type: none"> Support closure of Magnox Operations and Maintenance Contract with Cavendish Fluor Partnership 	2019-2020	On Target	The share transfer of Magnox Ltd from Cavendish Fluor Partnership to the NDA took place as planned at midnight on Saturday 31 August.

Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Ensuring the management arrangements for Interim States are determined and agreed with Regulators. 	2019-2022	On Target	
<ul style="list-style-type: none"> Regulatory permissioning in support of the transfer of nuclear materials between sites. 	2020-2022	On Target	
<ul style="list-style-type: none"> Regulatory permissioning in support of the Interim End State definition and arrangements for Winfrith. 	2019-2022	On Target	



BERKELEY

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Decommissioning and demolition activities ongoing in preparation for entry into Care and Maintenance. 	2019-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continuation of retrieval and packaging activities in the active waste vaults. 	2019-2022	On Target	
<ul style="list-style-type: none"> Complete design and commissioning of shielded area waste retrieval equipment. 	2019-2020	Achieved	
<ul style="list-style-type: none"> Retrieval of waste from shielded area (caves). 	2019-2022	On Target	
<ul style="list-style-type: none"> Continuation of waste retrieval plant design, commissioning and packaging. 	2019-2022	On Target	
<ul style="list-style-type: none"> Complete Design and Build of encapsulation facility. 	2019-2020	On Target	
<ul style="list-style-type: none"> Encapsulation of ILW packages. 	2019-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Regulatory permissioning in support of the Berkeley ILW Management Programme. 	2019-2022	On Target	
<ul style="list-style-type: none"> Regulatory permissioning in support of the Care and Maintenance entry definitions and transitional arrangements. 	2020-2022	On Target	

BRADWELL

Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Ongoing monitoring of Care and Maintenance phase. 	2019-2022	On Target	
<ul style="list-style-type: none"> Receipt and storage of other ILW waste packages in line with planning permission. 	2019-2022	On Target	



CHAPELCROSS

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Decommissioning and demolition activities in preparation for entry into Care and Maintenance.	2019-2022	On Target	
• Preparations for pond draining and stabilisation.	2019-2022	On Target	
• Commence pond draining and stabilisation.	2020-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Encapsulation facility Design and Build complete.	2019-2020	Deferred	Work deferred to meet funding commitments - should commence later this Financial Year.
• Progressing of ILW retrievals, processing and storage activities.	2019-2022	On Target	
• Interim Storage Facility commissioned and complete.	2020-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
• Regulatory permissioning in support of the Care and Maintenance entry definitions and transitional arrangements.	2019-2022	On Target	

DUNGNESS A

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Decommissioning and demolition activities in preparation for entry into Care and Maintenance.	2019-2022	On Target	
• Ponds cleaned and stabilised.	2019-2020	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Commence preparations for boiler annexe removal.	2019-2020	On Target	
• Complete retrievals, treatment and transport of ILW.	2019-2022	On Target	
• Complete bulk asbestos removal from reactor buildings.	2019-2020	Behind Target	Current forecast is to complete in July 2020.



Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Regulatory permissioning in support of the Care and Maintenance entry definitions and transitional arrangements. 	2019-2022	On Target	

HARWELL

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continuation and completion of Liquid Effluent Treatment Plant (LETP) area environmental restoration. 	2019-2022	On Target	
<ul style="list-style-type: none"> Decommissioning (including asbestos removal) and demolition activities. 	2019-2022	On Target	
Nuclear Materials			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continuation of the programme for the transfer of nuclear materials and ILW. 	2019-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Recovery, processing and packaging of solid ILW. 	2019-2022	On Target	
<ul style="list-style-type: none"> Complete preparations for decommissioning of radium chemistry facilities. 	2019-2020	Deferred	Project deferred due to funding pressures.
<ul style="list-style-type: none"> Decommissioning of radium chemistry facilities. 	2019-2022	On Target	Minor decommissioning ongoing in advance of the main work.
<ul style="list-style-type: none"> Commence receipt of packaged ILW from Winfrith to the Harwell store. 	2019-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Regulatory permissioning in support of decommissioning and demolition activities. 	2019-2022	On Target	

HINKLEY POINT A

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments



• Decommissioning and demolition activities in preparation for entry into Care and Maintenance.	2019-2022	On Target	
• Complete deplant and demolition of Turbine Hall.	2019-2020	Achieved	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Continuation of FED retrieval activities.	2019-2022	On Target	
• Continue and complete ILW skip management	2019-2022	On Target	
• Complete waste conditioning facility construction and commissioning.	2019-2020	Behind Target	Due for completion in Q2 FY20/21
• Continue preparations for Sludge Canning Building waste retrievals.	2019-2022	On Target	
• Complete Interim Storage Facility construction and commissioning.	2019-2020	On Target	
• Complete receipt of ILW packages from other sites into the Interim Storage Facility.	2020-2022	Behind Target	Planning application was unsuccessful, Magnox reviewing approach.
Regulatory Control			
Key Activities	Timescale	Status	Comments
• Regulatory permissioning in support of the Care and Maintenance entry definitions and arrangements.	2019-2022	On Target	

HUNTERSTON A

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Decommissioning and demolition activities in preparation for entry into Care and Maintenance.	2019-2022	On Target	
• Commence and complete Weather Envelope repairs.	2019-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Completion of solid ILW encapsulation plant construction and mechanical and electrical installation.	2019-2020	Behind Target	Technical issues have delayed the delivery of the project.
• Completion of inactive commissioning of solid ILW encapsulation plant.	2019-2020	Behind Target	Delayed construction and mechanical and electrical installation will delay commissioning activities.
• Progressing of ILW retrievals, processing and storage activities.	2019-2022	On Target	
• Commence and complete Weather Envelope repairs.	2019-2022	On Target	



<ul style="list-style-type: none"> Completion of Solid Active Waste Bunker Retrieval Operations excluding POCO. 	2019-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Regulatory permissioning in support of the Care and Maintenance entry definitions and transitional arrangements. 	2019-2022	On Target	

OLDBURY

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Decommissioning and demolition activities in preparation for entry into Care and Maintenance. 	2019-2022	On Target	
<ul style="list-style-type: none"> Complete ponds decommissioning preparations. 	2019-2020	Achieved	
<ul style="list-style-type: none"> Complete ponds draining, cleaning and stabilisation. 	2019-2022	On Target	
<ul style="list-style-type: none"> Commence and complete Weather Envelope repairs. 	2019-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> ILW retrieval enabling works complete. 	2019-2022	On Target	
<ul style="list-style-type: none"> Progression of activities supporting consolidated ILW storage. 	2019-2022	On Target	
<ul style="list-style-type: none"> Commence retrievals, treatment and transport of ILW. 	2019-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Regulatory permissioning in support of the Care and Maintenance entry definitions and transitional arrangements. 	2019-2022	On Target	

SIZEWELL A

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Decommissioning and demolition activities in preparation for entry into Care and Maintenance. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue and complete ponds decommissioning. 	2019-2022	On Target	
<ul style="list-style-type: none"> Ponds draining and stabilisation complete. 	2019-2020	On Target	



• Commence preparation for asbestos removal.	2019-2020	On Target	
• Commence asbestos removal.	2020-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Continue preparation for Fuel Element Debris (FED) retrievals.	2019-2022	Deferred	
• ILW retrieval enabling works complete.	2019-2022	Deferred	
• Progression of activities to support consolidation of ILW storage.	2019-2022	On Target	
• Commencement of retrievals, treatment and transport of ILW.	2019-2022	Deferred	
• Management of receipt of waste packages at Bradwell site.	2019-2022	Deferred	
Regulatory Control			
Key Activities	Timescale	Status	Comments
• Regulatory permissioning in support of the Care and Maintenance entry definitions and arrangements.	2019-2022	On Target	

TRAWSFYNYDD

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Complete developing strategy for ponds End State conditions.	2019-2020	On Target	
• Decommissioning and demolition activities in preparation for entry into Care and Maintenance.	2019-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• FED retrievals and encapsulation complete.	2019-2022	On Target	
• Continued recovery and treatment of ILW.	2019-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
• Regulatory permissioning in support of decommissioning and demolition activities.	2019-2022	On Target	



WINFRITH

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• DRAGON – continue reactor decommissioning.	2019-2022	On Target	
• Steam Generating Heavy Water Reactor (SGHWR) – complete design and build of reactor decommissioning equipment.	2019-2020	On Target	
• SGHWR – continue decommissioning of the primary and secondary containment areas.	2019-2022	On Target	
• Decommissioning (including asbestos removal) and demolition activities.	2019-2022	On Target	
Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Consolidation of packaged ILW to the Harwell store complete.	2019-2022	On Target	
• Commence shipments of LLW drums to LLWR.	2019-2020	Deferred	Project deferred due to funding pressures.
Regulatory Control			
Key Activities	Timescale	Status	Comments
• Regulatory permissioning in support of decommissioning and demolition activities.	2019-2022	On Target	
• Regulatory permissioning in support of the Interim End State definition and arrangements for Winfrith.	2019-2022	On Target	

WYLFA

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Decommissioning and demolition activities in preparation for entry into Care and Maintenance.	2019-2022	On Target	
• Provision of support and assets to nuclear new build.	2019-2022	On Target	Activities related to Horizon Nuclear power have been cut back during the year, Magnox continue to support as requested.
Spent Fuels			
Key Activities	Timescale	Status	Comments
• Defueling activities in line with MOP9 complete.	2019-2020	Achieved	All fuel offsite, Fuel Free Verification confirmation by ONR expected October 2019.
• Completion of Wylfa defueling in line with MOP9.	2019-2020	Achieved	All fuel offsite, Fuel Free Verification confirmation by ONR expected October 2019.



Integrated Waste Management			
Key Activities	Timescale	Status	Comments
• Continuation of ILW retrievals and packaging.	2019-2022	On Target	
• Continue and complete waste retrieval enabling activities.	2019-2022	On Target	
• Bulk asbestos removal from Turbine Hall complete.	2019-2022	On Target	
• Commence admin and ancillary buildings decommissioning.	2020-2022	On Target	
Regulatory Control			
Key Activities	Timescale	Status	Comments
• Regulatory permissioning in support of the Care and Maintenance entry definitions and arrangements.	2019-2022	On Target	
• Complete fuel free verification agreement with the ONR.	2019-2022	On Target	



DOUNREAY SITE RESTORATION LTD

Target Summary

Status		Number of targets
Achieved	Target achieved	2
On Target	On target	8
Behind Target	Behind target with possibility of recovery	1
Missed	Behind target – expected to be missed	1
Deferred	Deferred	0

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> D1225 Demolition complete. 	2019-2020	Missed	Target is behind the target date of Q4 2019/20. However the target is on schedule against the revised Site Wide Impact Revision date.
<ul style="list-style-type: none"> Complete shaft and silo Hazop Studies. 	2019-2020	Achieved	Completed August 2019
<ul style="list-style-type: none"> Commence Dounreay Cementation Plant ILW Store Extension. 	2019-2020	Achieved	Completed July 2019
<ul style="list-style-type: none"> D1211 Suction Sump Decommissioning. 	2019-2020	On Target	
<ul style="list-style-type: none"> Decontamination of Prototype Fast Reactor Pond suitable for final disposal. 	2020-2022	Behind Target	This is behind target but is not a priority in the next 18 months. The approved Performance Plan will determine when the PFR Pond scope will be undertaken.

Spent Fuels			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continued removal of Breeder Fuel elements from Dounreay Fast Reactor. 	2019-2020	On Target	
<ul style="list-style-type: none"> Completion of delivery of all in reactor DFR Breeder fuel to Sellafield. 	2020-2022	On Target	
<ul style="list-style-type: none"> Complete delivery of all fuels from DFR. 	2020-2022	On Target	

Nuclear Materials			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Continued consolidation of special nuclear materials. 	2019-2020	On Target	



Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none">Continued transfer of LLW to LLW vault.	2019-2020	On Target	

Critical Enablers			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none">Support Small and Medium Enterprise (SME) organisations by measuring and reporting overall spend with them, in line with the government growth agenda.	2019-2022	On Target	

Regulatory Control			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none">NDA and Regulatory permissioning in support of the Interim End State definition and arrangements for Dounreay.	2019-2022	On Target	



LOW LEVEL WASTE REPOSITORY LTD

Target Summary

Status		Number of targets
Achieved	Target achieved	0
On Target	On target	8
Behind Target	Behind target with possibility of recovery	1
Missed	Behind target – expected to be missed	0
Deferred	Deferred	0

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Ongoing site preparation for phased construction of the final cap for trenches 1 to 7 and Vault 8. 	2019-2022	Behind Target	Issues with concept design of container protection is hampering completion of the Evaluate Phase of the project; steps are being taken to mitigate the impact by early delivery of 'project enabling' construction activities and driving completion of the Evaluate Phase to be delivered within 2019/20.

Integrated Waste Management			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Delivery of the National LLW Programme to optimise LLW Strategy implementation. Work with consigning SLC's to improve waste forecasts and inventory and continue segregated waste, treatment and disposal services. 	2019-2022	On Target	
<ul style="list-style-type: none"> Work with the NDA to support innovation in approaches to waste management. 	2019-2022	On Target	
<ul style="list-style-type: none"> Type B Programme fleet commences key transport scope. 	2019-2022	On Target	

Critical Enablers			
Key Activities	Timescale	Status	Comments
<ul style="list-style-type: none"> Support hazard reduction across the NDA group. 	2019-2022	On Target	
<ul style="list-style-type: none"> Manage and operate LLWR safely to provide an effective UK disposal service. 	2019-2022	On Target	
<ul style="list-style-type: none"> Consideration of options to further optimise operations at the LLWR. 	2019-2022	On Target	
<ul style="list-style-type: none"> Continue to pursue overall cost savings in delivery of the Lifetime Plan. 	2019-2022	On Target	
<ul style="list-style-type: none"> Support Small and Medium Enterprise organisations by targeting overall spend with them in line with the government Growth Agenda. 	2019-2022	On Target	



SPRINGFIELDS FUELS LTD

Target Summary

Status		Number of targets
Achieved	Target achieved	0
On Target	On target	2
Behind Target	Behind target with possibility of recovery	0
Missed	Behind target – expected to be missed	0
Deferred	Deferred	0

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Complete POCO of Residues Recovery Plant (RRP).	2020-2022	On Target	
• Continue decommissioning of the Magnox Island.	2019-2022	On Target	

URENCO NUCLEAR STEWARDSHIP LTD (formerly known as Capenhurst Nuclear Services Ltd)

Target Summary

Status		Number of targets
Achieved	Target achieved	0
On Target	On target	1
Behind Target	Behind target with possibility of recovery	0
Missed	Behind target – expected to be missed	0
Deferred	Deferred	1

Site Decommissioning and Remediation			
Key Activities	Timescale	Status	Comments
• Continued safe storage of uranic materials.	2019-2022	On Target	

Nuclear Materials			
Key Activities	Timescale	Status	Comments
• Prepare EPC and FEED tender for the Legacy Cylinder Facility, to treat 'Tails' prior to processing through the Tails Management Facility.	2019-2020	Deferred	Target deferred whilst options are being re-evaluated.



Radioactive Waste Management Limited

Critical Enablers	
Key Activities 2019-2022	2019/20 status
<ul style="list-style-type: none"> Implement government policy on geological disposal of Higher Activity Waste (HAW) through effective engagement with willing communities in the delivery of a site for the construction and operation of a GDF. 	On Target
<ul style="list-style-type: none"> Deliver a robust technical programme to drive our design and safety assessment work. 	On Target
<ul style="list-style-type: none"> Develop Radioactive Waste Management Limited into a competent delivery organisation. 	On Target
<ul style="list-style-type: none"> Work pro-actively with waste producers, planning for and delivering disposability assessments for their range of wastes. 	On Target

Direct Rail Services Limited

Critical Enablers	
Key Activities 2019-2022	2019/20 Status
<ul style="list-style-type: none"> Delivery of the rail transport element in support of the completion of MOP. 	Achieved
<ul style="list-style-type: none"> Support national nuclear material rail movements for Harwell, Winfrith and DSRL. 	On Target
<ul style="list-style-type: none"> Support AGR fuel movements by rail for EDF from stations to Sellafield. 	On Target
<ul style="list-style-type: none"> Support the discharge of NDA obligations with respect to MOD Nuclear rail transportation. 	On Target
<ul style="list-style-type: none"> Provide value for money to the tax payer through the execution of identified non-nuclear work that complements the skills and capabilities required to support the core nuclear mission. 	On Target
<ul style="list-style-type: none"> Provide rail authority expertise to NDA and consider areas of synergy between DRS and INS in support of NDA's strategic transport capability review. 	On Target
<ul style="list-style-type: none"> Operate and maintain technology leading fleet of locomotives to support NDA operations. 	On Target
<ul style="list-style-type: none"> Attract and retain the necessary skills, capability and diversity of talent to deliver our rail logistics business in a safe, secure and reliable manner. 	On Target
<ul style="list-style-type: none"> Delivery of the rail transport element in support of the special nuclear fuels programme. 	On Target
<ul style="list-style-type: none"> Provision and maintenance of locomotives for TransPennine Express. 	On Target



INS

Critical Enablers	
Key Activities 2019-2022	2019/20 Status
<ul style="list-style-type: none"> Support NDA's decommissioning programme by providing transport and technical solutions for movements of nuclear material in the UK. 	On Target
<ul style="list-style-type: none"> Continue to deliver important international transports of nuclear materials including Spent Fuel, Mixed Oxide (MOX) fuel, vitrified High Level Waste (HLW) and conditioned Intermediate Level Waste (ILW). 	On Target
<ul style="list-style-type: none"> Seek opportunities for new international business within nuclear shipping, packaging and design and establish a consultancy that provides transport enabling solutions to UK and international markets. 	On Target
<ul style="list-style-type: none"> Maintain a leading fleet of specialist nuclear transport vessels and crews that, by undertaking regular shipments, meets the highest standards of quality, safety and security. 	On Target
<ul style="list-style-type: none"> Continue to develop a strategic partnership with Direct Rail Services including the creation of a joint consultancy offering that combines the nuclear transport capabilities of both organisations. 	On Target
<ul style="list-style-type: none"> Implement a series of transformation activities that make INS more competitive, innovative and efficient whilst ensuring it has the right skills, capability and diversity of talent to deliver in a safe, secure and reliable manner. 	On Target

NDA Archives Limited

Critical Enablers	
Key Activities 2019-2022	2019/20 Status
<ul style="list-style-type: none"> Work with The National Archives of both England and Scotland in working towards relevant Accreditation Standards and Regulatory best practice. 	On Target
<ul style="list-style-type: none"> Continue the work on the commercial model review (make vs buy options) and develop the plan and future options as we approach the end of the first contract period in June 2020. 	On target - NOTE the current contract has been extended to July 2022 in line with the maximum extension possible.
<ul style="list-style-type: none"> Continuing to collaborate with interested third parties to consider providing services to other organisations outside the NDA group. This will include analysing the potential for commercial contracts and agreements. 	On Target
<ul style="list-style-type: none"> Develop the Archive 'service' to the NDA group. 	On Target



NDA Properties Limited

Critical Enablers	
Key Activities 2019-2022	2019/20 Status
<ul style="list-style-type: none"> Effective and proactive management of the property portfolio to include projects for repair work and improved environmental stewardship. 	On Target
<ul style="list-style-type: none"> Development of Off Site Command Facility at Moresby for Sellafeld Ltd. 	On Target
<ul style="list-style-type: none"> Completion of snagging to the Nuclear Archive and CNC facility. 	On Target
<ul style="list-style-type: none"> To proactively dispose of surplus assets when no longer required by the NDA group. 	On Target

Rutherford Indemnity Limited

Critical Enablers	
Key Activities 2019-2022	2019/20 Status
<ul style="list-style-type: none"> Provide optimal insurance coverage to the NDA to support its group-wide insurance programme and exploit opportunities to reduce overall cost of insurable risk. 	On Target
<ul style="list-style-type: none"> Explore all avenues to develop potential innovative solutions to the increased financial security or insurance requirements resulting from the Nuclear Installations (Liability for Damage) Order 2016 and to respond to emerging demands for new or additional policy cover. 	On Target
<ul style="list-style-type: none"> Continue to deliver the target return on the investment portfolio, protecting Rutherford's ability to offer insurance on a cost effective basis, maintaining liquidity in order to be able to respond promptly to major loss. 	On Target
<ul style="list-style-type: none"> Continue to explore ways to use a prudent proportion of Rutherford's investment portfolio to support infrastructure investment in the NDA group. 	On Target
<ul style="list-style-type: none"> Implement new ways of working following changes in the group broking arrangements designed to improve efficiency and reduce costs. 	Achieved – with ongoing review for efficiency



HEALTH AND SAFETY, SECURITY AND ENVIRONMENTAL PERFORMANCE

Below is a summary of safety and environmental information for April to September 2019.

The NDA has made clear its commitment to health and safety, security and the protection of the environment and expects its businesses and supply chain to sustain good performance in these areas.

This report summarises by exception reportable safety incidents and environmental impacts in the 12 NDA businesses, including our Corporate Centre.

Summary

Nuclear and Radiological Safety:

<input type="checkbox"/>	No incidents in reporting period
<input checked="" type="checkbox"/>	One or more INES* Level 1 or above

Conventional Safety:

<input type="checkbox"/>	No incidents in reporting period
<input checked="" type="checkbox"/>	One or more RIDDOR** reportable events

Environment:

<input type="checkbox"/>	No incidents in reporting period
<input checked="" type="checkbox"/>	One or more environmental non compliances

* International Nuclear Events Scale

** Reporting of Injuries, Diseases and Dangerous Occurrences Regulations

RAG Definition

Status		No of Businesses		
		Safety	Env't	Security
Red	Unacceptable performance, insufficient actions are in place to recover within an acceptable timeframe	0	0	0
Amber	Unacceptable performance, however, appropriate actions are in place to recover within an acceptable timeframe	2	1	0
Green	Acceptable performance	10	11	12

SITE	SAFETY	ENV'T	SECURITY	COMMENTS
Sellafield	Amber	Amber	Green	Sellafield's conventional safety record was affected by an increase in the site's accident rate, and in the number of accidents reported to the regulators under RIDDOR. The site also reported two INES Level 1 events ("anomaly" – the lowest reportable rating) were confirmed during the Period.
Magnox	Green	Green	Green	In July, Chapelcross received a Warning Letter from SEPA in response to the event in January 2019 where rainwater had collected on top of the tarpaulins covering items in the Low Level Waste compound. Magnox addressed the issue promptly.
Dounreay	Green	Green	Green	Good safety performance was maintained, but a number of events, including the release of contamination from ventilation ductwork; an injury involving a mobile elevated work platform and a generator fire prompted senior management to refresh their expectations for safety.
LLWR	Green	Green	Green	Excellent performance was maintained and LLWR's accident rate remained at zero.
Capenhurst	Green	Green	Green	No matters of note
Springfields	Green	Green	Green	No matters of note
RWM	Green	Green	Green	No matters of note
INS	Green	Green	Green	No matters of note
DRS	Green	Green	Green	No matters of note
NDA Properties	Green	Green	Green	No matters of note
NDA Archives	Green	Green	Green	No matters of note
Corporate Centre	Green	Green	Green	No matters of note

Nuclear and Radiological Safety

Sellafield reported two INES Level 1 events.

The first, for holes found in external ventilation ducts during an inspection (in October 2018) is also the subject of an ongoing Enforcement Notice served by the Environment Agency.

The second INES event was concerned with quality control and procedural compliance issues affecting the storage of product cans in THORP and occurred in January 2019. The event was raised to INES 1 in June 2019 following an internal investigation.

Conventional Safety

The Reporting of Injuries Diseases and Dangerous Occurrences Regulations 2013 (RIDDOR) requires employers to inform the regulators of some work-related incidents. RIDDOR applies to all work activities, but not to all incidents. Four types of incident must be reported:

- Specified Injuries, as defined in the regulations.
- Lost Time Accidents, where a worker has been unable to undertake normal work activities for a period of greater than 7 days.
- Dangerous Occurrences, as specified in the regulations.
- Industrial Diseases, as specified in the regulations

By the end of Q2, a total of 12 RIDDOR injuries had been reported to the NDA.

Number of RIDDOR injuries by SLC to the end of Q2	
Sellafield Ltd	8
Magnox Ltd	3
DSRL	1
LLWR	0
Total	12

At the end of Q2, the total population of all NDA sites was 15,774, making the RIDDOR rate (accidents/employee) higher than at the same time last year. The NDA accident rate (Total Recordable Incident Rate) at the end of Q2 was 0.33, also a slight increase on the same time last year. In spite of these factors, the safety performance of our sites compares well with UK manufacturing and oil, gas and energy sectors.

All accidents are of concern to us; this level of performance is receiving enhanced oversight and improvement actions across the NDA group.

Total Recordable Incident Rate (TRIR) is a metric defined by the US Occupational Safety and Health Administration (OSHA). TRIR is used extensively by major corporations and we use it as a proxy to benchmark our performance against international safety standards.

Environmental Events

We measure environmental performance by counting up the number of non-compliances with each site's regulatory authorisation. At the end of Q2, NDA sites had recorded 26 non compliances, 3 more than recorded at the same time last year.

Number of environmental non-compliances by SLC to the end of Q2	
Sellafield Ltd	13
Magnox Ltd	8
DSRL	5
LLWR	0
Total	26

It is rare for our sites to have serious environmental events. The majority of non-compliances were associated with failures of management arrangements and none caused any form of pollution.



Nuclear
Decommissioning
Authority