



Performance Report to DSG Site Restoration Subgroup – 18 October 2023  
 For the period July - September 2023

**PERFORMANCE SUMMARY FY 2023/24**

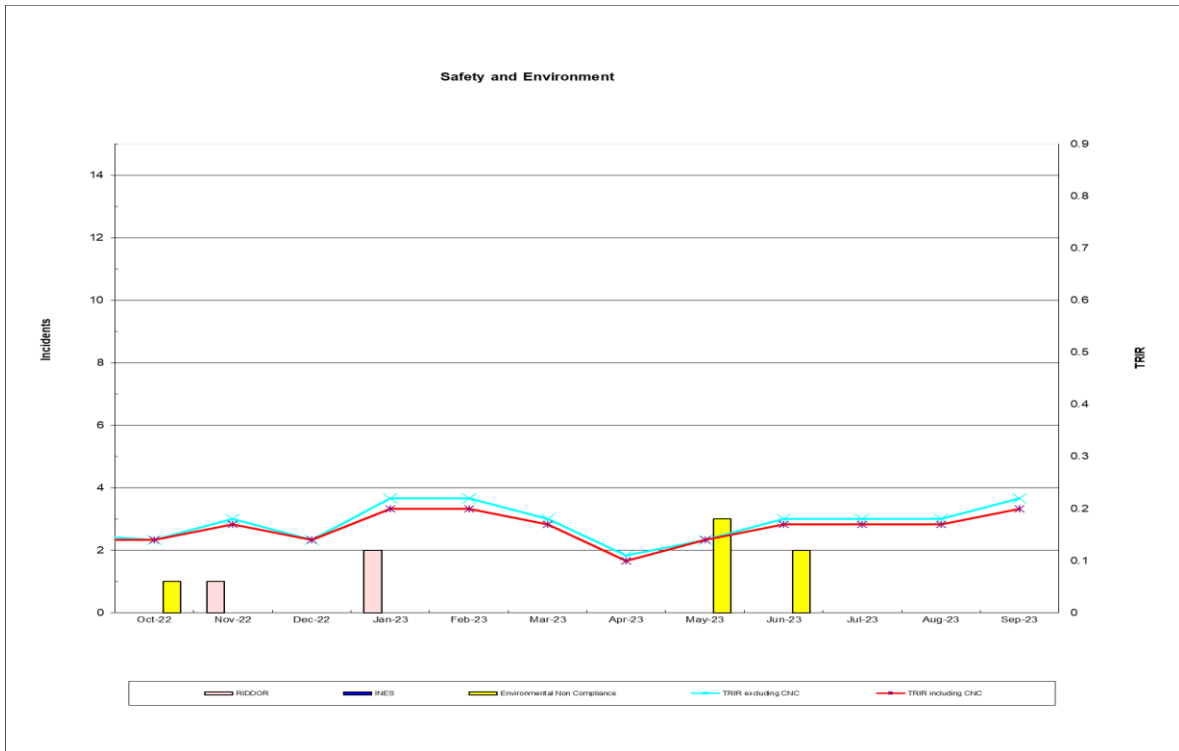
Description	Threshold	On Target	Stretch
7 key delivery targets <ul style="list-style-type: none"> <li>- Dounreay Cementation Plant electricals</li> <li>- Fuel facility cell 2</li> <li>- LLW vault grouting</li> <li>- Waste facility AFC chamber</li> <li>- Fuel facility sampling</li> <li>- Grout plant commissioning</li> <li>- Fuel facility outer wall blocks</li> </ul>			
Operational Metrics <ul style="list-style-type: none"> <li>- Bagged waste</li> <li>- LLW half-height ISO containers to vaults</li> <li>- Breeder fuel removal</li> <li>- De-risking shaft and silo advanced transition work</li> </ul>			
Shaft and silo <ul style="list-style-type: none"> <li>- Removal of overbuilding</li> <li>- Major project enabling work</li> <li>- Advanced transition work</li> </ul>			
Asset management improvements			
Lifetime Plan – readiness for implementation on 1 April 2024			
Key regulatory commitments <ul style="list-style-type: none"> <li>- Radioactive substances permit</li> <li>- PFR sodium tank farm</li> <li>- Non-active drains optimisation</li> </ul>			

Transition to a programmatic delivery organisation (Fit for Future)			
Culture Programme – nurturing and growing great places to work			
Social value – sustainability measures			
Social Value – procurement and supply chain			

**Highlights**

- The civil structural main contract of the advance transition work at shaft and silo was placed and site work commenced. Senior project manager, project manager and assistant project manager recruited.
- Irradiated fuel can inspections – 8 complete
- New sampling system in fuel facility – design complete and procurement underway
- Corecut mobilised to begin cutting outer wall blocks in fuel facility
- DFR breeder fuel transfers recommenced

**HEALTH, SAFETY, ENVIRONMENT AND SECURITY**



- The TRIR increased from 0.18 in August 2023 to 0.22 in September 2023 due to a Stihl saw bounced back and hit an operator’s safety glasses resulting in a cut above nose - OSHA medical treatment

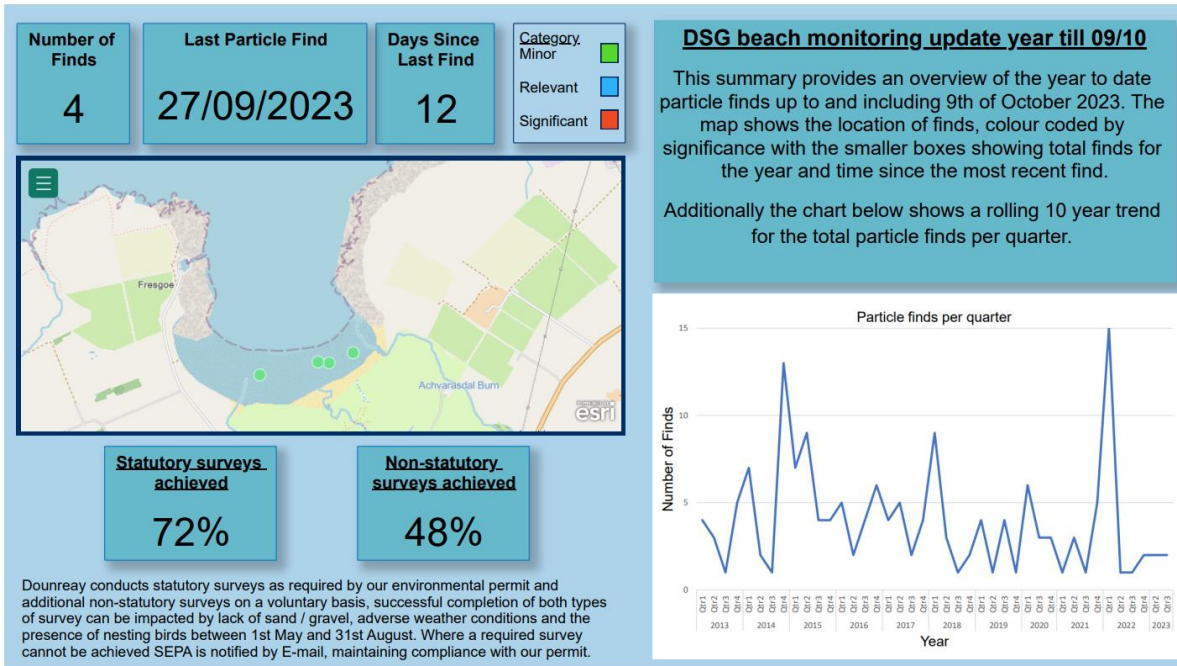
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- SEPA undertook an inspection of the alkali metal storage arrangements on 31st May 2023 and raised two non-compliances: one relating to inspection of drums and one relating to maintenance of buildings
- Dounreay is carrying out a review of Reinforced Areated Autoclaved Concrete (RAAC). So far none has been identified and initial indications are that it is very unlikely to be on site
- All regulatory actions are being progressed in line with agreed timetables. We have made significant progress on Compliance with the Construction (Design and Management) Regulations
- Dounreay will be submitting the necessary documentation in support of becoming a Lower Tier COMAH Site following extensive interaction with the Competent Authority. While Dounreay does not meet the thresholds, holdings will increase at various points in the programme
- The Level 1 safety demonstration exercise achieved a green rating
- We are preparing to roll out a reinvigorated standard on Human Performance. Pilot sessions (including Safety Representatives) have enabled the delivery to be refined for the target audience of operational and maintenance personnel

### ONSHORE MONITORING OF RADIOACTIVE PARTICLES

Two particles were detected during July - September 2023 with four particles total found year to date; all are minor and all found at Sandside.

<b>ONSHORE MONITORING FOR PARTICLES: CUMULATIVE TOTALS</b>				
<b>Location</b>	<b>Minor</b>	<b>Relevant</b>	<b>Significant</b>	<b>Notes</b>
<b>Dounreay foreshore</b>	<b>33</b>	<b>113</b>	<b>217</b>	
<b>Sandside</b>	<b>265</b>	<b>37</b>	<b>0</b>	
<b>Murkle</b>	<b>3</b>	<b>0</b>	<b>0</b>	
<b>Strathy</b>	<b>0</b>	<b>0</b>	<b>0</b>	



**FORWARD PLANS AND IMPROVEMENTS**

- Our new lifetime plan, setting out all the activities and their sequencing needed to reach the site interim end-state, continues to go through due process at NDA and government levels. Our target date for implementation is April 2024. We have moved this target to “at risk” because of additional scrutiny now being carried out
- The near-term work plan is the rolling programme of work derived from the first 4 years of the lifetime plan. We begin implementing this from 1 April 2024
- Work continues to develop a new organisational structure that can deliver the LTP programmes more effectively and efficiently from 1 April 2024, supported by improved systems, processes and people functions. We expect to complete the top two tiers of our new structure by the end of October 2023

**CORPORATE**

From October 2023, the Dounreay Independent Challenge and Oversight starts reporting directly to the Environment Health Safety Security and Quality (EHSS&Q) Director at Magnox Ltd. This change is designed to give independent assurance at board level about the site’s compliance with the highest levels of safety, security and environmental protection. It has been intentionally timed to provide independence during the transition to the Fit for the Future Model. The Dounreay Assurance Director remains a point of contact for the team if required.

The board of Magnox Ltd approved proposals for the rebranding of the organisation to reflect the joining with Dounreay and expansion into former EDF Energy sites, and we expect to launch this on 31 October 2023.

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### PEOPLE

- Our annual decommissioning excellence awards ceremony took place at the Weigh Inn, Thurso, on 22 September when we celebrated some of the outstanding contributions of our workforce. The evening saw individuals and teams honoured in 8 different categories
- We welcomed our 2023 cohort of graduates to the site in September. They are in a two-year development scheme, which includes placements in different projects to gain insight into the nuclear industry and future career paths
- Several of our apprentices travelled to London in September to take part in the Nuclear Industry Association's Nuclear Week held in and around the Houses of Parliament
- Sustainability work done by Kerry Sievewright and colleagues regarding the landfill ban on biodegradable waste - showcased in the technical press and at upcoming Scottish national conference
- Mey Games – 5 August - very positive event with good collaboration with NDA, CNC, Focus North
- We held a very successful and well attended Dounreay Family Day on 26 August with activities off site as well as staff taking their families onto the site

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