

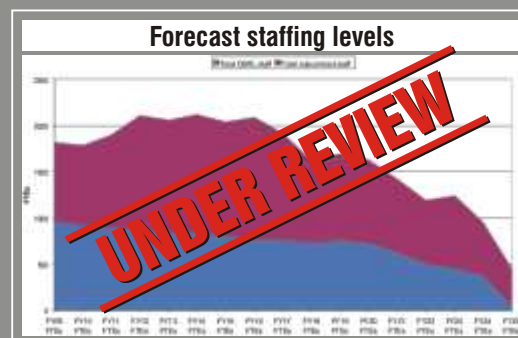
# 07/10 PERFORMANCE



Site clean-up performance report for  
**July 2010**

[www.dounreay.com](http://www.dounreay.com)

## Site closure programme at-a-glance



Annual funding limits set by NDA		
2010/11 (confirmed) £150 million	2011/12 (confirmed) £150 million	2012/13 (provisional) £150 million

Date	Milestone	Cumulative cost
2010	MTR reprocessing plant decommissioned	
2013	Bulk liquid metal destroyed at DFR	
2014	LLW disposal site opens	
2016	Breeder removed from DFR	
2018	High-active liquor tanks emptied	
2021	Fast reactor reprocessing plant decommissioned	
2023	Start on site clean-up	
2025	Low-level waste site cleared	Interim End State - £2.6 bn
2027	Low-level waste site capped	
2057	Intermediate-level waste removed	
2078	Fuel and waste stores cleared	
2294	All land available for re-use	End State - £3.2 bn

NDA competition for DSRL	
• Industry days for bidders	– Feb/Mar 2010
• Tendering	– Winter 2010
• Preferred bidder	– Summer 2011
• New company takes over DSRL	– Winter 2011



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# PROGRAMME PERFORMANCE REPORT

July 2010

## PROGRAMME DELIVERY

Schedule Performance Index (SPI)

Year to-date	Year-end forecast
<b>0.99</b>	<b>1.00</b>

\* SPI measures work actually carried out against the agreed NDA schedule.

Cost Performance Index (CPI)

Year to-date	Year-end forecast
<b>1.11</b>	<b>1.10</b>

\* CPI measures the cost of work actually carried out against the forecast agreed with the NDA. A figure of 1.0 equals the cost agreed - greater than one reflects efficiency gains.

Performance Based Incentives (PBI)

Year to-date earned	Year-end maximum forecast for project delivery
<b>£270K</b>	<b>£6 Million</b>

\* PBI are agreed milestones with NDA which result in payment of fee.

## PRODUCTION

Bags of clean/exempt waste for clearance monitoring:

July	2010 - 2011
<b>113</b> bags	<b>572</b> bags

Low-level waste processed for disposal:

<b>397</b> drums	<b>1647</b> drums
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Raffinate liquor converted to solid intermediate-level waste:

<b>45</b> drums	<b>126</b> drums
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## HEALTH & SAFETY

Number of reportable radiological events:

<b>0</b>	<b>0</b>
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Number of events on International Nuclear Event Scale:

<b>0</b>	<b>1</b>
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Number of Lost Time Accidents (LTA):

<b>0</b>	<b>1</b>
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Total Recordable Incident Rate:

<b>0.38</b>
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Compares injury and illness rates per 20,000 hours worked

RIDDOR reportable occurrences:

<b>0</b>	<b>1</b>
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Hours worked since last LTA:

<b>440,000</b>
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Maximum individual radiation dose (DSRL):

<b>1.90</b> mSv
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Maximum individual radiation dose (non-DSRL):

<b>1.57</b> mSv
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Stated doses are one month behind, due to processing time.

## ENVIRONMENT

Events reported to regulator:

<b>0</b>	<b>0</b>
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Amount of paper recycled:

<b>0</b> kg	<b>8080</b> kg
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Amount of metal recycled:

<b>3760</b> kg	<b>10,300</b> kg
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Amount of cardboard recycled:

<b>0</b> kg	<b>4600</b> kg
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Particles recovered from local beaches:

<b>0</b>	<b>4</b>
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## PEOPLE

Full time DSRL staff:

<b>862</b>
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Part time DSRL staff:

<b>67</b>
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Contractor staff:

<b>908</b>
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Gate-held passes (infrequent users):

<b>146</b>
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Work started in July to clean out redundant gloveboxes in the D2900 equipment maintenance and decontamination facility.

This included the removal, pictured here, of contamination from inside the laCalhene loading glovebox that was used to transfer clean sample bottles and candle filters to the sampling and filter

gloveboxes.

Waste collected during the clean-out was consigned as compatible low-level radioactive waste.

Work also took place to complete the post-operational clean-out and decommissioning of the

primary decontamination room ventilation cabinet in the facility. This was used to decontaminate smaller, highly contaminated items

The work was carried out by a decommissioning team drawn from DSRL, Doosan Babcock, NDSL and Nuvia.

UKAEA donates £2500 to Dounreay Communities Fund for each month without a Lost Time Accident (LTA)



**Total = £7,500**