



# Hinkley Point Site Stakeholder Group

**Hinkley Point Site Stakeholder Group Meeting  
Friday 31 October 2014**

**Hinkley Point A Site Directors Report**

## **1. SAFETY AND ENVIRONMENTAL PERFORMANCE**

### **Hinkley Point A 2015 Periodic Safety Review (PSR)**

The regulatory 10 yearly review of safety continues. Technical reports and underpinning documentation to address the technical findings and the update of the reference safety case are progressing well. A progress meeting with the Office for Nuclear Regulation (ONR) is planned for November.

## **2. DECOMMISSIONING PROGRESS**

### **Fuel Element Debris (FED)**

The project is currently undertaking retrieval and sorting trials within the Magnox wet vaults. Samples of the waste are being characterised for the physical, chemical and radiological properties to ensure we have the latest data available to support the project designs.

Any further planning work on the dissolution facility at Hinkley is still awaiting operational experience from Bradwell. The plant at Bradwell is now in its initial stage of operations and data is being gathered.

### **Ponds**

The reactor two (R2) ponds have now been drained and the surfaces decontaminated. Pond floor entries have been made with the long and square pond surfaces now fixed to prevent migration of contamination. Final radiological surveys have been carried out to confirm that the ponds are stabilised. The remaining package of work is the collection of concrete cores from the highest dose rate areas of the pond floor. This data will be assessed to determine how far contamination has penetrated in to the concrete.

Water reduction continues in the reactor one (R1) pond. The pond level has been reduced from 6m and currently stands at 2.2m. In order to minimise operational dose rates as the water level is lowered, a concrete shaving tool is being used to remove the surface layer of contaminated concrete. This will reduce dose rates from the exposed surface. This technique was originally deployed at another Magnox site. As the water level is reduced the final quantity of residual pond sludge's are being remotely removed to one of the sites settling tanks for temporary storage.

### **Skip decontamination trials**

The decontamination trials using the milling process have now been completed. The material removed has been sent for radionuclide analysis which will contribute to a final close out report and optioneering study for future skip decontamination techniques across Magnox. We will share the full results of the study with you as soon as they are available.

The site is preparing the redundant skip store for a trial on the use of a laser for size reduction of skips. This will reduce dose rates and time associated with skip size reduction. One skip has been transferred from Sellafield, by rail, for the trial, two more will follow in the coming weeks. These skips form part of the original quota of skips that were agreed by the local planning authority to be shipped to Hinkley for the purposes of the trials.

## **Asset Management Project**

Asset management work continues across the site on with the main focus on the civil estate.

Work completed since July includes: storm drain outfall clearance, removal of plant from the Point Café roof, Reactor two (R2) goods lift refurbishment to satisfy current legislation and Transit Bay roof refurbishment.

Current work includes: Control Block roof recovering, R2 pond sub change room demolition enabling works, preparations to re-felt the Point Café roof, R1, and various lift refurbishments to satisfy current legislation.

## **Wet Intermediate Level Waste (ILW) recovery**

The project to recover the waste inventory from settling tanks one, two and three has made further significant progress since the last update. A further four ductile cast iron containers (DCICs) have been filled with heel waste and there is now a total of 30 DCICs in the purpose built buffer store.

Settling tank one was originally filled with resin and had the largest amount of residual heel out of the three tanks. The removal of the residual heel is now complete and 44m<sup>3</sup> of waste has been removed from the tank.

The residual heel in settling tank two has also now been removed. 15m<sup>3</sup> of sludge has been extracted from the tank in total.

The project team has now begun work on the remaining tank, settling tank three, which currently has residual heel inside after bulk waste retrievals were completed. In total there was 20.7m<sup>3</sup> of waste in the tank at the beginning of the project, there is currently approximately 11m<sup>3</sup> left in the tank.

## **Over-Flow Car Park Project**

The design for the overflow car park has now been approved; construction is due to start late October and should be complete in early 2015.

## **3. WASTE MANAGEMENT**

Disposals are progressing in line with the Joint Waste Management Plan (JWMP). One combustible, one super compaction and one direct disposal shipment have been sent to date. Seven further shipments will be sent before April 2015 which will help achieve JWMP targets to divert wastes away from the Low Level Waste Repository.

The waste hierarchy is continually applied on the site resulting in the majority of conventional waste being diverted away from landfill. Three demolition projects are planned within the 2014/15 financial year that will generate some significant recyclable waste volumes including flask crane removal, reactor two sub change room demolition and the removal of five redundant buildings.

A 'war on waste' campaign is taking place throughout the year to focus personnel on integrated waste management and the waste hierarchy.

## **4. COMPANY MATTERS**

The Cavendish Fluor Partnership (CFP) has now taken over as the Parent Body Organisation (PBO) of Magnox and Research Sites Restoration Limited, which consists of two research sites Harwell and Winfrith. Kenny Douglas is the CEO of Magnox and is supported by a board of members made up of both Cavendish and Fluor personnel from the UK and America. CFP is currently reviewing all strategy in relation to the decommissioning of the Magnox sites and hope to have more news in the coming months.

## **5. COMMUNITY NEWS**

### **Socio-economic**

All socio-economic information can be accessed at [www.magnoxsocioeconomic.com](http://www.magnoxsocioeconomic.com)  
All applications must be submitted through this system.

So far there have been over 800 applications to the scheme from across the country. Over £470,000 has been donated to projects across the country so far this year and nearly £15,000 has gone to projects near Hinkley. £800 was recently donated to the Bridgwater Victoria Park Rangers Youth Football Club recently to fund new football kit for the under seven age group.

All of our socio-economic activity needs to support the NDA's socio-economic policy, the aim of which is to mitigate the impact of decommissioning.

### **Charity of the year**

The chosen site charity for this financial year is the Somerset Unit for Radiotherapy Equipment (S.U.R.E) based at Musgrove Park Hospital in Taunton. Fundraising so far this year has included a Hinkley Point fun run, a charity bike ride and a cake bake. Almost £6000 has been raised so far. Future events include a Christmas Fayre and a Farmers Market.