



# Hinkley Point Site Stakeholder Group

**Hinkley Point Site Stakeholder Group Meeting  
Friday 04 July 2014**

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

Our safety performance remains consistent; we have achieved over seven years without a lost time accident. This is a record in Magnox, with no other site ever achieving seven years. There have also been no personal contamination events for almost six years.

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

The regulatory ten yearly review of safety continues. The outcome report for the PSR was issued to the Office for Nuclear Regulation (ONR) in February 2014. The update of the reference safety case continues and work to close out findings from the outcome report is progressing well.

## **2. DECOMMISSIONING PROGRESS**

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

The project has taken delivery of equipment to undertake sorting and retrieval trials. A key stage of this work is to gain samples for characterisation and this will commence in July 2014.

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 to enable the acid selection process to commence late this year. The first part of work for Hinkley will be the review of the Best Practical Means (BPM) study; this is part of our on-going requirements from the Environment Agency. As with previous BPM studies, this will involve the local stakeholder community and is likely to take place later this year.

### **Ponds**

The reactor two [R2] ponds, including the discharge bay and dispatch bay, 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 trial drain of the reactor one [R1] dispatch bay is complete and the drain down of the main ponds has started with about 1800m<sup>3</sup> remaining. The levels of contamination and radiation in this pond are higher than in R2 and as a result the walls will require a more intrusive decontamination procedure. A dry wall decontamination method will remove the need to treat aqueous liquor and wet sludge observed from ultra-high pressure water washing conducted at other sites. In June, the project received delivery of the concrete shaving tool and the remote removal of the first 10mm of concrete will commence in July.

### **Skip milling trials**

The decontamination trials using the milling process have now been completed and the skips that have been processed during the trial have been decontaminated to a 'below regulatory interest' level, meaning radiation levels are extremely slight or non-existent. This is an excellent result. The material removed was sent for radionuclide analysis which will contribute to a final close out report and optioneering study for future skip decontamination techniques across Magnox.

The site is preparing the redundant skip store for a trial on the use of a laser for size reduction of skips. This will cut down the time needed to size reduce each skip. Three skips will be transferred from Sellafield for the trial and will be remotely size reduced. The skips still form part of the original 16 skips that were agreed by the regulators and the NDA to be shipped to

Hinkley for the purpose of the trial. The skips will be transferred to the site in a road transport flask during late summer.

### **Asset Management Project**

Asset management work continues across the site on a range of systems and structures with the main focus on the civil estate.

Work completed since February 2014 includes the replacement and refurbishment of service bridges, refurbishment of R1 goods lift, the development of R2 ponds sub-change design and removal of the control block redundant furniture in advance of re-roofing.

Current work includes removal of plant from the restaurant roof; R2 goods lift refurbishment, transit bay roof refurbishment and preparations for R2 ponds sub-change room demolition.

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

The project to recover the waste inventory from settling tanks one, two and three has made significant progress since the last update. Active commissioning and operations have now been completed and the bulk waste has now been successfully recovered from all three tanks. The waste is now stored on site in 26 ductile cast iron containers (DCICs) in the purpose built buffer store.

This portion of the ILW recovery programme was an acceleration of previously planned work due to the current tanks nearing the end of their useful design life and completion of this bulk retrieval phase is a major milestone for the site.

A residual (non-mobile) 'heel' of waste remains in the bottom of the tanks and recovery of this residual waste is now in progress.

### **Car Park Project**

Work on the design of an over flow car park is due to commence in the summer, with construction following after.

### **Site Security Separation Project**

The installation of the second phase of the works has been completed and the project is now progressing through closeout.

## **3. WASTE MANAGEMENT**

Handover of facilities and equipment from the ILW programme has taken place and the department now has much of the infrastructure required for managing ILW stored in DCICs, including a buffer store, fork lift truck and cross site transporter. Members of the waste team have all been fully trained in the use of the new facilities and equipment.

The site has achieved all shipments in accordance with the 2013/14 Joint Waste Management Plan. This includes establishing a route to dispose of Very Low Level Waste (VLLW) from the site for the first time. This has resulted in significant cost savings for the company as this disposal option is 10% of the cost of disposing wastes to the Low Level Waste Repository (LLWR).

The Joint Waste Management Plan for 2014/15 has been finalised and will result in a total of ten radioactive waste shipments from the site: one metal, five combustible, one VLLW and three direct disposals to the LLWR (one via high force compaction).

A site clean-up day was conducted in May that generated over 10 tonnes of waste from offices and work areas. A similar site campaign on hazardous wastes has also resulted in eight tonnes of disposals.

#### **4. COMPANY MATTERS**

The preferred bidder in the Magnox/RSRL competition has now been announced as the Cavendish Fluor partnership. A period of transition, before Share Transfer takes place on 1 September 2014, is now underway. Lee Talbot will remain the site director until that date and EnergySolutions will remain the parent body organisation until share transfer takes place. Scott Raish will be the designate site director for Hinkley Point A and will take up his position as of 1 September 2014. Kenny Douglas is the CEO of the Cavendish Fluor partnership and is supported by a board of members made up of both Cavendish and Fluor personnel from the UK and America.

Magnox was awarded RoSPA's Sir George Earle Trophy in May - RoSPA's highest accolade - at the 2014 Occupational Health and Safety Awards ceremony, held in Birmingham. The company also won the Construction Engineering Industry Sector award and a Management of Occupational Road Risk Gold achievement award. Hinkley achieved its third Order of Distinction Award, for 18 years of excellence in Health and Safety, a great achievement for the site.

The outcomes for the co-location of FED treatment and ILW storage are still being considered by the NDA.

#### **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 500 applications to the scheme from across the country. Over £1.5m has been donated to various projects including a total of nearly £50,000 to projects near Hinkley. £1000 was recently donated to the Roadwater Cricket Club to help towards the cost of buying a new industrial lawn mower.

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 Hospital. Fundraising so far this year has included an Easter raffle, cake bake and World Cup sweep stake raising over £500. Future fundraising events include the Hinkley Point fun run and a bike ride.