



# Hinkley Point Site Stakeholder Group

**Hinkley Point Site Stakeholder Group Meeting  
Friday 28 June 2013**

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

Our Safety performance remains consistent, we will have achieved six years without a lost time accident on the 22 June and had no personal contamination events for five years and two months.

We have received the RoSPA award of distinction for 17 years of excellence in Occupational Health and Safety.

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

The regulatory ten yearly review of safety continues. All plant walk downs have been performed and the associated reports produced. Production of the technical reports is complete and the site is continuing to categorise the issues arising from the review process.

## **2. DECOMMISSIONING PROGRESS**

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

The project is now well established on site and is developing the retrieval and sorting designs with the help of the contractor. It is expected that trials of the retrieval equipment will commence in the second half of 2013. These trials will provide characterisation data for the physical and radiological nature of the FED that will be used to further inform the project. No work is being undertaken on dissolution until operational experience from the Bradwell dissolution plant has been collected, this is likely to be available early 2014.

Initial safety documentation has been prepared and have been held for Environment Agency and the Office for Nuclear Regulation representatives on the project proposals.

### **Interim Storage Facility (ISF)**

Preparatory work for the Interim Storage Facility is nearing completion; construction is currently scheduled to start in November 2013.

### **Ponds**

The reactor two (R2) dispatch bay remains drained. The drain of the R2 pond is very near completion. The pond is split into two areas, termed the long and square pond, the square pond is fully drained and man access has been made to construct an access staircase. The long pond contained approximately 120m<sup>3</sup> as of 13 June, this is planned to be drained in the month of June. All surfaces of the pond have been decontaminated using pond water and a standard pressure washer unit; this has saved the addition of any clean water to the pond and has proven to reduce surface contamination levels and dose rates.

The reactor one (R1) dispatch bay remains drained following remote clean-up. The radiological conditions for R1 pond mean that an aggressive system will be needed to removal some of the concrete surface whilst the pond is being drained. The project is exploring dry decontamination techniques for deployment and is reviewing equipment for this task.

Decontamination trials have commenced in the site decontamination building. A contaminated pond skip has been manually size reduced and three sections of this skip have been processed (decontaminated) using the installed Computer Numeric Control (CDC), controlled milling machine. The results have proven to be very positive; the first section had an initial contact dose rate of 14milli Sieverts / hour prior to decontamination. The results post decontamination will enable free release of the plate. The project has experienced some delays with the concrete decontamination trial which will use liquid nitrogen. Contractual negotiations are continuing.

De-planting of the redundant flask transit bays has been completed and approximately fourteen tonnes of contaminated plant has been removed and is being processed and consigned off site. The project has commenced some de-planting activities in the R2 pile cap to ponds discharge shaft, this work will take about twelve months and forms one of the milestones with the Nuclear Decommissioning Authority (NDA).

### **Systems and Structures Preservation Project**

Asset management work continues across the site on a range of systems and structures. Current work includes inspection of active and foul drains network, decommissioning of redundant passenger lifts and refurbishment of ageing roofs. Work completed in this period includes; relining of a water tank, demolition of a series of covered walk ways, replacement of a steel fire escape, separation of the public address system from B Station and replacement of ageing roller shutter doors.

### **Asbestos**

The bulk asbestos project has now been completed, removing the majority of the site's asbestos from plant areas. 2,376 tonnes of asbestos and asbestos contaminated material has been transferred to licenced sites. The project is now in the final stages of close-out.

### **Wet ILW recovery**

The site is progressing a project to recover the waste inventory from settling tanks one, two and three and temporarily store it in MiniStores to await a processing campaign in the medium term. This portion of the intermediate level waste recovery programme is an acceleration of previously planned work due to the current tanks nearing the end of their useful design life. The regulator has asked for a milestone for the completion of this work (LC35 milestone) by March 2014.

The design packages for various facets of the work are complete or in a few cases nearing completion. The devices for attachment of the waste transfer hoses to the MiniStores are being built in Milford Haven. A temporary buffer store is being built on site. A filling house is being built in the turbine hall for subsequent installation in the radiation controlled area (RCA) adjacent to the building that houses the waste. The waste retrieval equipment is being purchased and will be assembled and tested in Chorley, Lancashire prior to shipment to site. The MiniStores will be moved around site using a purpose built cross site transporter and this is currently being built in Peterborough. The empty MiniStores are loaded onto the cross site transporter and the full MiniStores are unloaded and placed into the buffer store by a bespoke electric fork lift truck which has been manufactured in America and will be tested week commencing 24 July 2013 prior to delivery to site. The above packages are all due to come together to allow commissioning to start in August 2013.

### **Car Park Project**

The construction of the car park is now complete. However the car park cannot be used until it is connected to the newly installed Hinkley Point A (HPA) security systems and the separation of HPA and Hinkley Point B security systems has been completed.

### **Site Security Separation Project**

The new reception building was delivered to site in February 2013 and the process of fitting the building out and installing the new site entrance arrangements is nearing completion. Quadrant Security Group Ltd (QSG) has been on site for some months and is progressing well with the installation of the sites new security and access control systems. QSG will now start installing equipment in the new reception building and commissioning the new security systems ahead of separation from HPB. Separation from HPB is currently planned for the second quarter of this financial year.

## **3. WASTE MANAGEMENT**

In February 2013, one half-height ISO (HHISO) freight container of solid low level waste (LLW) was despatched to the national low level waste repository (LLWR) for grouting and

disposal. We also shipped 20 intermediate bulk containers (IBC) containing a total of ~11m<sup>3</sup> legacy LLW sludge off-site for processing by a waste management company called Inutec at their site in Winfrith, Dorset. Our new permit allows us to ship waste to any site that holds a permit to receive waste. Inutec will encapsulate our sludge in cement and co-package it with other wastes and so minimise the final volume for ultimate disposal to the LLWR.

In March 2013 we shipped 13 tonnes of LLW metal for melting under our framework agreement with LLWR. This approach allows for recycling of material for beneficial re-use. In the same month we shipped 10m<sup>3</sup> of combustible LLW to the Tradebe incinerator near Hythe and more recently shipped a similar consignment in May. Like our metal shipment, these two combustible shipments were made under our framework agreement with LLWR. This arrangement allows us to benefit from LLWR negotiations with the supply chain to secure collection dates and best market rates.

As was the case last year, the site has targets set this financial year for the amount of waste diverted from LLWR.

We continue to take advantage of the exemption order and characterised 14 tonnes of metal as 'out of scope' – an excellent start against our target of 42 tonnes of metal to be diverted.

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

The competition for the management of the Magnox Limited and Research Sites Restoration Limited (RSRL) Parent Body Organisation (PBO) contract continues. There are four bidders; all have completed a first round of site visits, including a week each at Hinkley, for information gathering. A second round of site visits is underway and will be completed in the late summer. Tenders are due to be returned to the NDA in November 2013. Transition will take place from April 2014 – August 2014 with contract award expected in September 2014.

In April the site hosted the annual business breakfast and the event was well attended by delegates from local businesses around the area. Ian Liddell Grainger MP was the host speaker. Lee Talbot, Site Director, gave the attendees an update on the decommissioning progress at the site. Site representatives were on hand to answer any questions during breakfast.

#### **5. COMMUNITY NEWS**

##### **Charity of the year**

The chosen site charity for this financial year is the Dorset and Somerset Air Ambulance. Fundraising began with a cake bake and raffle which raised £446.00. Several events are planned throughout the year including the Hinkley Fun Run, Hinkley Cycle and a Masked Ball being planned for October.

##### **Socio-economic**

The scheme is web based and can be accessed at [www.magnoxsocioeconomic.co.uk](http://www.magnoxsocioeconomic.co.uk)  
All applications must be submitted through this system.

So far there have been over 468 applications to the scheme from across the country. Around £455,000 has been donated to various projects including a total of over £28,000 to projects near Hinkley. Cannington Primary School was recently awarded £1000 to purchase some high visibility book bags.

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'.