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## **Report on Oldbury Activities to SSG**

### **April 2014**

#### **Safety and Compliance**

Throughout the period the site has maintained compliance with all operating rule limits and conditions and all maintenance schedule requirements.

In terms of conventional safety performance, the site has not had a lost time accident for over 15 months and has recently been awarded the Order of Distinction by the Royal Society for the Prevention of Accidents in recognition of 15 consecutive Gold Awards.

A revised set of emergency arrangements which recognise the reduced hazards on site was agreed by ONR and have now been implemented. Worthy of note has been the support received from the Fire Brigade in the agreement of new protocols.

In March the site successfully demonstrated its counter-terrorism arrangements to the security regulator, ONR (CNS).

#### **Defuelling**



The opportunity was taken in March to defuel using both fuelling machines at the same time, one on each reactor. The site now stands at nearly 40% defuelled. Over the course of the year the site has despatched 61 flasks to be reprocessed at Sellafield, with an estimated 212 flasks remaining.

Over the next three months there will be less demands on the fuel route at Oldbury as the company concentrates on finishing the defuelling at Sizewell A. However, later in the summer Oldbury will become the company focus as we seek to complete defuelling by early 2016.

## Plant Update

Both reactors remain in a natural circulation state (i.e. no forced circulation of air within the cores). Moreover, due to the amount of fuel removed and time elapsed since the reactor shutdowns, the low level of decay heat in the cores does not require continuous circulation of water within the boilers. In fact, the water is currently only circulated once every six weeks for boiler preservation purposes.



A consequence of the reduced demand for demineralised water has meant that we are currently trialling a mobile demineralised water unit instead of our Main Water Treatment Plant (MWTP). If the trial is successful we will be able to declare our MWTP redundant and remove the various conventional hazards from within it (e.g. acid and caustic).

The focus on hazard reduction continues and we have recently removed 636 batteries, containing 37,000 litres of concentrated sulphuric acid, from the redundant 475V system. Simplification of our pressurised systems has also allowed us to remove 50 cylinders of gas from site.

The Alternative Electrical Supply project progresses and the new sub-station should soon be erected just inside the site gate to connect the 11kV underground cable from Alveston that was recently laid.

## Magnox Competition

On 31 March 2014, the NDA announced the Cavendish Fluor Partnership as the preferred bidder to take over the Magnox and RSRL sites from the 1 September 2014. Following completion of the two-week standstill period, Cavendish Fluor released a video to the Magnox employees and are currently engaging with their various stakeholders. As part of that process, we at Oldbury were pleased to host a visit to site yesterday (29 April).

## Socio Economic Support

### Oldbury village community shop



After donating £2,500 on behalf of the site, Mike Heaton, Oldbury Site Director, attended the grand opening of the Oldbury village community shop on the 8 February 2014. The shop is located near the Anchor pub in the centre of the village and is reported to be a great success.

## Thornbury Broncos

Thornbury Broncos under 10's rugby team received £500 from the Magnox socio-economic fund to buy a new kit.



## **Community Involvement**

### Future Generation workshop



As part of a 'women in engineering' initiative, over 30 BTEC Science students from Oldfield Girls School in Bath attended a Future Generation workshop at the Oldbury Conference Centre. It was a very successful day with positive feedback from both students and teachers.