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Report on Oldbury activities to SSG **January 2012**

End of electricity generation at Oldbury and Transition Programme

After 44 years of safe operation, Oldbury power station will cease generation on the 29th February. In preparation for this, the site has started its Transition Programme, preparing staff as the site enters the defueling and later the decommissioning stage.

Transition to post generation operations has been well managed at other sites and involves changing amongst other things:

1. The plant configuration once the reactor is shutdown
2. Removal of hazards from site
3. Reviewing our emergency arrangements
4. Developing and implementing a post generation structure

Note a number of these items require agreement from our regulators prior to implementation.

As part of transition a team from Oldbury visited another Magnox site – Sizewell, a site that has ended generation and has started defuelling. The team looked at many things including; Plant Configuration, Transition, Operations, Engineering, Maintenance and Projects to identify best practice and hopefully implement it here at Oldbury. One of the best things for me to see was how enthused people were and how they were enjoying their work including the new challenges that defuelling and decommissioning preparations bring.

Plant Performance

Reactor 1 continues to operate well, sending out approx 154MW to the grid. Out inter-reactor transfer of fuel is now complete, no more fuel is planned to be removed from R2 to support the remaining generation of R1. Following an intensive review of our IRX process with a human factors inspection carried

out over four days by ONR, a number of improvements were identified to our procedures, processes and training which we will make and also use to improve our future defuelling systems.

Looking forward after IRX, it has now been agreed to deploy the Large Sample Trepanning machine (LSTM) into Reactor 2 to take some graphite cores to support further generation at Wylfa until 2014 (see photo). The LSTM is now on site and trials are set to commence with deployment in R2 core around 23rd January. Work on the fuel route will then be dictated by our wetted fuel allowances. We will continue to discuss latest developments with the MOP team.



Generation

A significant milestone was passed with generation passing the 1TW mark for the financial year. Jointly with our other generating site Wylfa, we have achieved the Generation PBI threshold for earning fee of 3.41 TWh. The fee earned, which will be awarded to Oldbury, is in excess of a million pounds, and the amount of electricity generated is enough to make 60 billion cups of tea!

Safety and Environment

On 5th January the site achieved two years without a lost time accident to any staff, agency and contracting staff working at Oldbury. This is a fantastic achievement, hard earned and one we are very proud of.

Our focus on safety standards over the two years has been terrific and this has been achieved whilst meeting all our business targets that have been set (generation, MOP etc.). In addition there have been a number of 'one off' high risk tasks that have been completed such as the re-glazing project which have been done without incident.

High standards of safety and environmental performance will remain a key part of our business going forward post generation.

New build interactions

Mr Geoffrey Clifton-Brown MP for the Cotswolds will be visiting Oldbury on Friday 10th February for a site tour and visiting the land adjacent to Oldbury site owned by Horizon Nuclear Power.

Community Involvement



Members from the Monmouthshire Council visited Oldbury on Tuesday 10th January for a site tour. They were very complimentary of the site and the good housekeeping seen out on the plant.