

Sizewell A Report – March 2017

Prepared: 13 March 2016

Safety and compliance

The site's safety record has been good and it has remained compliant for this period.

Since the last SSG in December we have published a report and made available to SSG members our findings from the investigation into levels of strontium-90 slightly outside the range normally seen during our routine environmental monitoring activities, which has been reported at previous SSG meetings.

The findings in this report indicate that improvements in the methodology and sampling (the contract to monitor the beaches is now with EDF) resulted in this finding being made, but that it is of negligible risk to the public. However, we will continue to monitor levels and ensure that an adequate trend in activity can be made and the site will continue to undertake quarterly strontium-90 analysis on the samples taken in future.

During storm 'Doris' on 23rd February 2017, our redundant and isolated cooling water pump house crane, which is on the eastern most point on site adjacent to the beach, sustained some minor damage. Two of the fixings on a bundle of cables suspended from the crane, came unattached and the cables are now hanging down further than they should be, but there are numerous other fixings still securely holding the cables to the crane. At no point did any material get blown over the site fence and there was no impact to site workers, the general public or the environment as a result.

The site is treating this damage very seriously and maintenance work is to be carried out to lash the hanging cables to the crane structure, while options for making the crane safe or removing it entirely are weighed up.



Projects update

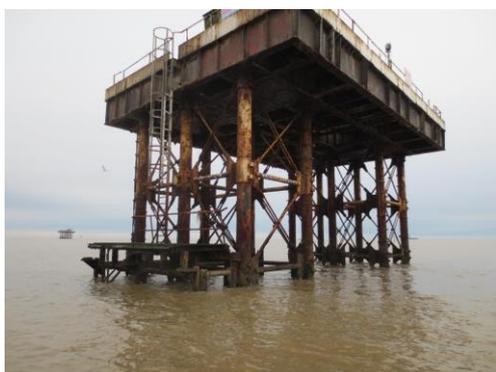


Decommissioning projects are arranged into a series of company-wide programmes who look across all Magnox sites to ensure common solutions are developed and that best practice and resources are shared.

The main programme focus at Sizewell is currently Ponds. Preparations are continuing for physical decommissioning work of the cooling ponds to begin later this year. Divers who are currently carrying out decommissioning of the Dungeness ponds first are expected to arrive at Sizewell in August 2017.

Other work to support the work the Divers have also been progressed, including the construction of a new C3 sub change facility. Whilst the existing Ponds Sub-Change facility will remain in place for routine and operational access, this bespoke facility will provide us with the capability to match the increased entries expected during Ponds Decommissioning activities.

There has also been a renewed focus on asset care projects across the sites. As reported at the last SSG, Redundant diesel stacks were found to be badly corroded and were subsequently repaired. These have now been safely removed. Cold cutting techniques were used to separate each stack into 6 lifts so that a 220t crane could safely lower each section to ground level, where they were further size reduced. As also reported at the last meeting, a pedestrian bridge connecting the turbine hall to the reactor building has been reinforced following severe corrosion and has now been removed. KDC were employed as the contractor to carry out both of these essential risk reduction activities.



The Marine Management Organisation licence has now been received which will allow us to carry out works on the offshore structures. Magnox are planning to install new navigation buoys in the sea during March 2017 and decommission the existing ones which are mounted on the structure. Further works to remove landing platforms and debris from the structures are planned for later in 2017 after the bird nesting season. We will keep our stakeholders informed of when this work will commence.

A major environmental hazard has recently been eliminated at Sizewell A. Polychlorinated Biphenyls (PCBs) are organic chlorine compounds once widely deployed in coolant fluid used in electrical apparatus and in heat transfer fluids. Any organisation that owns or operates equipment or material containing PCB at a concentration higher than 50 parts per million (0.005%) must register it with the relevant national environmental regulator and dispose of it as soon as possible. Any loss of control of PCB could result in Regulator action and possibly prosecution. The safe removal of the PCB at Sizewell A means there is no more reportable levels of PCB within the Magnox estate.



We had previously reported to the SSG that we would be deploying a laser as a safe way to deter birds from nesting on the site. The Agrilaser has now been installed on the reactor building roof and is currently undergoing a period of testing and commissioning. The Argilaser should reduce nesting birds on site by up to 80% over time. Unlike conventional methods of bird deterrence, there will be no habituation effect and after consistent use birds will perceive the area as unsafe and will not return.

People and transition

There is currently 180 full time equivalents (Magnox Ltd staff) based at Sizewell A. We expect to see a slight increase in staff based at the site as physical decommissioning of the ponds begins.

Socio-economic scheme

From April 2016 to March 2017, Magnox funded seven socio-economic applications from organisations based near the Sizewell site as listed below.

Organisation	Funding awarded	Description/outcome
Photo East	£1,000	Support for photographic exhibition by Libby Hall of Leiston in 1966.
Kyson School	£315	Purchase of outdoor play equipment.
Aldeburgh Rifle Club	£941	Purchase of Lighting Equipment, Fans and Consumer unit for new range.
Ransomes Sports Football Club (U9's)	£446	New kit
Shining Stars Nursery	£1,000	Purchase of sensory equipment and resources for garden area.
Sizewell and Knodishall Youth Football Club (U11's)	£500	New kit
Snape Community Primary School	£875	Purchase of musical instruments and equipment
Total	£5,077	



We are now welcoming applications for the next financial year. Visit <http://www.magnoxsites.co.uk/about-us/community/> or www.magnoxsocioeconomic.com to access the socio-economic web portal where you can apply for funding.

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