



**HUNTERSTON A STAKEHOLDER REPORT
MARCH 2013**

**HUNTERSTON A
SITE DIRECTOR'S REPORT TO THE SITE STAKEHOLDER GROUP
14 MARCH 2013**

Hunterston A continues to make good progress on our programme of work and the Site remains very busy. We continue to be adequately funded by the NDA and remain committed to addressing the nuclear liabilities at Hunterston A in a safe, secure manner with care for the environment.

1 SAFETY OVERVIEW

1.1 Safety Review Performance

The industrial safety performance at Hunterston A remains good with approximately 55,000 man hours per month being worked on Site. It is now over 12 months since our last Days Away Case Rate and Medical Treatment Case injury. The Site is still experiencing infrequent minor first aid cases, such as grazes, slips, muscle strain or bumps. Nonetheless, even these minor events are properly investigated by our safety department to identify any areas of improvement which could prevent recurrence. Whilst most of these injuries are of a very minor nature, they are still being reported by the individuals involved. This gives us confidence that our open reporting culture is being fully supported.

The Safety and Learning Drop-in Centre has been used extensively to promote safety on site. Recent promotions were held on Fire Safety, Winter Driving, Risk Avoidance and the use of personal protective equipment. Additionally, various health promotions were delivered by the Healthy Working Lives team. These promotions were well attended by staff and contractors.

Hunterston A's Safety Representatives continue to provide support on site and are involved with regular housekeeping inspection tours. The Safety Representatives, who meet bi-weekly at the Local Safety Forum, are currently planning a promotional day which will involve all the Safety Representatives interacting with staff and contractors to promote safety whilst encouraging other like-minded individuals to join the team.

The 2012-2013 Safety and Environment Enhancement Plan (SEEP) is nearing completion, with only two milestones on schedule left to be achieved. The SEEP tasks are being managed by individual teams including safety representatives with support from the lead team.

1.2 Learning and Improvement

Working at height remains one of the most hazardous activities we undertake at Hunterston A and Company Standard S-465 Work at Height has been issued to all Magnox sites for implementation. This will require further training for some individuals who plan, manage, supervise or carry out work at height activities on the Site.

We continue to promote an open reporting culture which is supported by our behavioural safety and human performance processes. The human performance question of the day has been a success and is now fully implemented across Site. The question is developed each day from industry wide events or near misses.

2 DECOMMISSIONING PROGRESS

2.1 Pond

The pond decommissioning team have recently recommenced draining following modifications to the pontoons. These modifications were required to cater for pond furniture protruding through the surface of the pond as the levels are drained further.

The pond level started at 21'6" in November 2011 and after 16 months of draining, the level currently sits at 9'7". Approximately 3,900m³ of water has been treated via the Site's Modular Active Effluent Treatment Plant and discharged to sea, whilst 924m² of pond wall surface has been cleaned using ultra-high pressure equipment.

The project team who are decommissioning redundant underground miscellaneous sludge retention tanks (MSRTs) have removed the concrete roof slabs on each of the three tanks in the compound. An off-site trial was conducted last October to trial a scabbling machine and dust extraction equipment required for shaving radiologically contaminated concrete surfaces. The results were favourable and we are now beginning trials on Site.

2.2 Land Quality Management

The project to implement the in-situ remediation of the CP7 compound and associated drainage at Hunterston A is nearing completion. The Bentonite slurry retaining wall has been completed and the engineered cap installed. Tests of the effectiveness of the slurry wall and cap have demonstrated it has been very successful. Drainage works continue and is scheduled to complete in August. During this period, the temporary road will be upgraded to permanent status and the approaches eased to facilitate easier traffic movement.

2.3 Solid Intermediate Level Waste (ILW) Retrieval

The Solid Active Waste Bunker Retrieval Facility has successfully completed plant performance trials and the training of operatives is underway. It is anticipated that active commissioning and solid waste retrievals will start from bunker five early in 2014.

Key to the ILW programme from a solid and wet perspective is the cross-site transporter vehicle, which will move the ILW packages between facilities. Acceptance trials have been completed at Site and operator training has commenced. Furthermore, the ILW store is being prepared to receive the first active package from wet ILW retrieval and encapsulation plant and we expect to be applying to ONR for permission to use the store in April.

The strategic decision regarding passivation of bunker one fuel element debris is to encapsulate. Plant design substantiation work is underway and contracts to manufacture, install and commission the encapsulation plant will follow.

2.4 Wet ILW

Inactive commissioning of the plant continues with several trial drums filled with simulant and grouted as part of the inactive commissioning process. Further indexing trials of the plant will shortly commence to ensure repeatability and the sludge retention tanks have been opened to allow removal of the contents.

Active commissioning is due to commence very shortly with operator training to follow. 30 commissioning drums have been delivered to Site and we are currently working on contracts to manufacture the remainder.

3 PEOPLE

3.1 Human Resources (HR) and Occupational Health

Recruitment within various departments has been busy with a couple of posts filled via internal recruitment, allowing for succession and development. The utilisation of contractors is also being used in agreement with the trade unions for areas where internal resourcing has proven difficult.

Work continues on HR areas within the new Agresso system with processes and software being put in place to align work between local Site HR and the central teams in HR Services. The central project team's focus is on finalising annual leave and sickness absence modules which will hopefully be available to sites soon.

Sickness absence at Hunterston A is averaging 7.01 days lost over the past rolling 12 month period (2.32 days short term sick and 4.69 days long term sick) compared to the Company target of 6.25 days. There has been an increase in the last quarter due to long term sickness absence. Unfortunately, we continue to have a small number of employees experiencing serious illness and/or going through surgical procedures, however, we also had a couple of employees who have returned to work. With regards to short term sickness, there are no adverse trends found and primarily these are due to winter sickness viruses.

3.2 Learning and Development

Hunterston A continues to develop and maintain the high level of staff competence expected from Magnox. Examples of learning, training and development to demonstrate this are outlined below.

The refresher training programme continued, including tow tractor, manual handling, first aid at work, elevated work platforms and abrasive wheels. We now have two fully trained operators for the 90 tonne cross site transporter. The emergency response team and mobile elevated platform operators have also completed self rescue training using the latest equipment available which demonstrates the Hunterston A ethos of keeping up to date with improvements for safety arrangements.

As with previous reports, Hunterston A continues to support the training plan and is currently in the process of drafting the plan for the remainder of 2013 to meet the skills, knowledge and experience requirements for both the Site and Magnox.

Finally, as we move to further embed the common Magnox learning and development processes, Hunterston A is ready to adopt the common authorisations that will continue to ensure that staff are not only suitably qualified and experienced, but also authorised to carry out safety related activities at Site. We have been in preparing for this over recent months and are awaiting the Magnox decision to 'go live' with this.

4 ENVIRONMENT

4.1 Radioactive Discharges

Solid

Low Level Waste (LLW) discharges to the Low Level Waste Repository (LLWR) continue. Disposals over the 12 month period from October 2012 to December 2012 equate to 179 m³, representing 30% of our authorised disposal limit. Radioactive nuclide content of this waste was well below authorised limits. The main contributions to the waste consignments were from projects such as pond decommissioning and clean-up operations.

Liquid

Liquid radioactive discharges during the period October 2012 to December 2012 were made at levels that represent 8.1% for total beta and less than 1% for Plutonium-241, Tritium and total alpha, of the Site's authorised discharge limit. The main source of this effluent is cartridge cooling pond dewatering.

Gaseous

Gaseous radioactive discharges during the period October 2011 to December 2012 were made at levels that represent 4.3% for Tritium, 4% for Carbon-14 and 2.7% for Beta particulate of the Site's authorised discharge limit. The main contributions to the discharges were from ventilation systems operating in contamination controlled areas and reactor vessel 'breathing'.

New Authorisation Application

The Site has submitted to SEPA an application for a new 'multimedia' authorisation for radioactive discharges. This authorisation (when granted by SEPA) will replace the Site's three current authorisations (solid, liquid and gaseous). SEPA are currently preparing a final draft of the authorisation.

4.2 Non-radiological Environmental update

Surveillance and analysis of the sewage treatment works effluent continues to ensure compliance with the discharge licence. The sewage treatment works reed beds continue to work efficiently to maintain good quality effluent.

Monitoring of resources such as water, electricity, fuel and paper use continues to determine where use can be minimised. Action plans are in place for resource use and all actions are being completed as planned.

The Site continues to progress the Biodiversity Action Plan which has the aims of preserving and enhancing local habitats and species. Additionally, we have entered the Dilmun award which is the environmental award from the Royal Society for the Prevention of Accidents (RoSPA).

4.3 Environmental Events

At the end of October it was discovered that the treated effluent from the Learning and Development Centre's septic tank may have been discharging from an unauthorised outfall. A dye tracing test was carried out which confirmed the suspected route. Work is now in progress to isolate the septic tank from the outfall. The effluent in the tank will be routinely removed and discharged via the Site's authorised Sewage Treatment Plant. SEPA are aware of the issue and are content with the proposed remedial work.

5 RADIOLOGICAL SAFETY

Explanatory note: The maximum permissible dose to a radiation worker in the UK is 20mSv (milliSieverts) in a calendar year. The average annual radiation dose to the UK population from all sources is 2.6mSv. Collective dose is usually measured in man.milliSieverts. For example, if ten people were each to receive 0.1milliSieverts during a particular task, then the collective dose for the task would be 10 people x 0.1mSv each = 1 man.milliSievert.

Doses for the calendar year 2012 (up to 31st December 2012) are as follows;

- Approximately 257 employees received a total collective dose of 15.168 man.mSv between them;
- Approximately 865 contractors received a total collective dose of 57.940 man.mSv between them;
- The highest individual dose received by an employee was 4.040 mSv;
- The highest individual dose received by a contractor was 4.655 mSv.

The majority of dose accrued in 2012 has been from a combination of the pond decommissioning project and other Site projects. All doses in these projects have been prior-assessed, planned and are tracked throughout the project duration to ensure that no limits are exceeded and that doses are kept as low as reasonably practicable.

There were no radiological events in the period from November 2012 to February 2013.

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6 EMERGENCY PREPAREDNESS

The updating of the Hunterston A Emergency Handbook has begun following the new Company generic Decommissioning Handbook which has been based on the Hunterston model.

Preparations are underway for the 2013 annual demonstration to the regulator which will test the participants and all aspects of the emergency arrangements. Meantime, emergency monthly exercises continue to challenge staff with their diverse scenarios.

There have been no on-site incidents or off-site nuclear emergency declarations during this quarter.

Training has been completed on a new working at height rescue system which allows personnel to self-descend from situations arising from working at height rather than having to wait on rescue teams. This is a great advance and the reduced time at risk may save lives.

7 NATIONAL MATTERS THAT LINK TO HUNTERSTON A

Dialogue opens for £7 billion contract

The NDA has confirmed that four global organisations are set to embark on the next phase of the multi-billion pound competition to run 12 historic nuclear sites.

An eight-month period of formal dialogue with the NDA started in February, providing each of the bidding teams with opportunities to gather information during a series of face-to-face meetings. Site visits are underway, enabling the prospective bidders to see at first hand the challenges that will help to inform their tender proposals.

Following the NDA's invitation to take part in the dialogue, the NDA has confirmed the configuration of the final consortia who wish to proceed:

- Reactor Site Solutions (Bechtel, EnergySolutions)
- The Babcock Fluor Partnership
- CAS Restoration Partnership (CH2M Hill, Areva, Serco)
- UK Nuclear Restoration Ltd (AMEC/Atkins).

Valued at around £7 billion in total, award of the contract for ownership of Magnox Ltd and Research Sites Restoration Ltd (RSRL) represents one of the UK's largest public procurement exercises.

The competition will run over two years, with completion scheduled for 2014, and see ownership of both companies transfer to a new organisation with the skills and experience to take forward a decommissioning programme worth £4-5 billion over the next seven years and almost £2 billion for the following seven years.

Following the dialogue phase, designed to assist bidders in the preparation of detailed proposals, the NDA will issue an invitation to submit final tenders.

Competition is central to the NDA's strategy for securing world-class skills and experience to drive forward decommissioning across its estate. The latest procurement process is expected to last around two years and will lead to the appointment of a new PBO who will take ownership of shares in the two Site Licence Companies for the period of the contract, and oversee management of decommissioning activities at the 12 sites.

8 PA/PR ACTIVITIES/CHARITABLE DONATIONS

Hunterston A is delighted to continue supporting the local community by funding worthwhile groups and organisations through the new Magnox Socio-Economic process. The following highlights the 22 applications that have been allocated funding by Magnox since April 2012:

<i>Socio-Economic Funding:</i>	£
Irvine Beat FM	3,195
Kilbirnie Warriors U9's Community Football Club	250
Largs Viking Festival	1,500
Ardrossan Castle Rovers FC	1,594
Cunninghame Youth Football Club	1,000
Ardrossan Academicals Rugby Football Club	2,000
Saltcoats Gala – Sea Queen Festival	250
Irvine Meadow1998 Boys Club	250
Maritime Volunteer Service – North Ayrshire Unit	2,203
Sail and Oar Festival – Isle of Cumbrae	250
Largs Youth Theatre	250
North Ayrshire Amateur Swimming Club	500
West Kilbride Community Association – East Wing Development Project	20,000
Caledonian Piping Club	500
Hessilhead Wildlife Rescue Trust	1,000
Kirktonhall Business Centre Group	1,250
1 st Stevenston Boys Brigade	555
Glencairn Primary School	750
Kilwinning Sports Club – U9's & U11's Girls Football	300
Dalry Burns Club – Schools Competitions	500
Ardrossan Christmas Decorations Committee	250
<i>Total</i>	£38,347

9 SITE VISITS

Hunterston A Site continues to attract the right kind of interest through our good safety and business performance. A selection of visitors during the period included:-

28 January – 1 February 2013	Magnox Competition – Babcock Fluor Partnership at Hunterston A
4 – 8 February 2013	Magnox Competition – UK Nuclear Restoration Ltd at Hunterston A
11 – 15 February 2013	Magnox Competition – Reactor Sites Solution at Hunterston A
14 February 2013	Steve Walters, Pond Programme Director, at Hunterston A
19 – 20 February 2013	John Tallack, ONR (CNC) Senior Site Inspector, at Hunterston A
20 – 21 February 2013	Dr Phil Sprague, ILW Programme Director, at Hunterston A
21 February 2013	Alan Bladon, Plant and Structures Programme Director, at Hunterston A

