



HUNTERSTON A STAKEHOLDER REPORT DECEMBER 2013

**HUNTERSTON A
SITE DIRECTOR'S REPORT TO THE SITE STAKEHOLDER GROUP
5 DECEMBER 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 safety performance at Hunterston A Site remains good having just reached 20 months since our last lost time accident or medical treatment case. This safety performance is one we are very proud of and we endeavour to see it improve by implementing our proactive processes and look for new innovative safety methods as we deliver the safe decommissioning of Hunterston A Site.

The number of first aid case injuries continues to reduce. Although unwanted, these are minor in nature and are a reminder for us to be ever vigilant.

Our Learning From Experience (LFE) process continues to work well and with help from our Contractors we are maintaining a high number of reports which range from safety issues, defects, self-reporting of working practices and we are seeing an increase in positive LFE's where individuals or teams are being commended for good practice. This is pleasing and reinforces that we have the correct reporting system, the workforce is comfortable using it and it gives us demonstrable evidence that we have an open reporting culture at Hunterston A Site.

The site continues to share the learning from events, within Magnox and industry wide via the Operational Experience Feedback Process. Green safety flyers are produced and shared with the workforce via a daily safety brief, use of Net Presenter digital display system and manual notice boards. The Safety Drop in centre is being used proactively for raising hazard perception, awareness and safety promotion displays are changed monthly.

Behavioural Safety and Human Performance processes continue to complement each other and are working well on Hunterston A Site. Behavioural Safety is a key activity in reducing safety related events and remains central to our "Looking after each other" ethos which supports our continually improving safety performance on HNA.

The safety representatives at HNA are proactively involved in housekeeping tours and safety inspections and frequently visit new projects providing advice and help when required. The safety reps are introducing new ideas and innovations to improve their visibility and improve safety on site. One of those ideas recently implemented is a new "safety stop check" process which involves interface with others on site. The safety stop check will focus on different topics each month. The outcome of the stop checks will be communicated to the lead team.

The current Safety and Environment Enhancement Plan (SEEP) is on target for completion at the end of the financial year and is well managed by the safety reps, topic lead and lead team sponsors

1.2 Learning and Improvement

Working at height training has been delivered; new barriers and improved warning signs have been purchased by Magnox. These are very visible on site and they have enhanced our safe management of work at height activities.

The European week of health and safety commenced w/c 21 October. The theme over five days was risk prevention with workshops and promotions held on Personal Protective Equipment (PPE) awareness, upper limb disorders, driving, pedestrian and cyclist road safety, control of substances hazardous to health and pre & post job briefs. The promotions were well attended by the workforce.

The PPE sub group have improved the PPE selection that is available to employees on site. This has been well received and the group are reviewing other items of PPE for suitability and will make changes/improvements if required.

We continue to facilitate visiting parties and regulators on site and recently had the Emergency Planning Consultative group at site. Magnox Managing Director, Neil Baldwin, was at site appraising the workforce on relevant issues and focussing on the recent events that Magnox experienced at other sites. This was again a proactive timely reminder that accidents can happen even during what is seen as normal day to day tasks. Feedback from visitors is positive and they leave site confident that we are safely delivering the safe decommissioning of Hunterston A Site as we head towards care and maintenance.

2 DECOMMISSIONING PROGRESS

2.1 Pond

The pond decommissioning team have now cleaned over 1500m² of wall area and continue to remove redundant operational steelwork from the pond floor. The pond level remains at 4' 9" as the removal of steelwork and preparations for the more difficult task of cleaning the pond floor continue. Pond draining will recommence shortly to allow Ultra High Pressure (UHP) cleaning to recommence.

The target to clean and stabilise the pond walls in the summer of 2014 remains on target.

Continuing the positive theme, the two High Dose Rate Items (HDRI) were successfully and safely despatched from Site last month. This followed 3 years of meticulous planning, several dry runs and great support from Chapelcross. The physical work to transfer the HDRIs to a road flask, carry out surveys and transport them to the railhead went exactly to plan.

Decommissioning redundant underground Miscellaneous Sludge Retention Tanks continues. One tank has been shaved and we are carrying out surveys to claim the

process as a success for reducing radiological contamination to acceptable levels. The learning has been shared with other Magnox Sites.

2.2 Land Quality Management

As reported at the last SSG, the project to implement the in-situ remediation of the CP7 compound and associated drainage at Hunterston A is now complete.

2.3 Solid Intermediate Level Waste (ILW)

The Solid Active Waste Bunker Retrieval (SAWBR) project continues to make good progress and is the top priority for Hunterston A, with bunker five breakthrough planned for the end of the financial year.

The plant is being exercised on a daily basis as operator training continues and commissioning activities demand. Work Instruction and Plant Operating Instruction validation is receiving top priority.

Simulation and testing has highlighted some minor issues with box lid bolting and dust deposits but these are currently being rectified.

The first of the 3m³ boxes which will be used to store the solid waste are due for delivery shortly and we are currently in the final stages of issuing the contract to manufacture the remainder.

The Solid Intermediate Level Waste Encapsulation (SILWE) project, which will be used to encapsulate the waste retrieved from the bunkers, has completed the design substantiation phase. Invitation to tender has just been issued with the actual build programmed to start in June 2014. Early site establishment work has commenced.

2.4 Wet ILW

The commissioning of the Wet Intermediate Level Waste Retrieval and Encapsulation Plant (WILWREP) has highlighted two challenges to the current design. The outcome being that commissioning has stopped awaiting resolution.

Several high level meetings have been held between the Site, Magnox and Main Contractor to discuss and decide on a solution. The expectation is that Magnox will shortly give direction to the Main Contractor to implement the preferred solution which will allow the programme to recommence. Although these design issues will result in a few months delay to this programme, the project is not on the site's critical path, and it is imperative that we have confidence that the plant will have a good level of productivity and reliability before bringing into service.

2.5 ILW Store

The Site received a Licence Instrument from ONR to provide the regulatory permission to begin operating the ILW Store.

The ILW Store and cross-site transporter, which are key to both the wet and solid ILW programmes, are available for use subject to receiving permission from the Office of Nuclear Regulation (ONR).

3 PEOPLE

3.1 Human Resources (HR) and Occupational Health (OH)

Recruitment continues within various departments with a couple of posts expected to be filled via internal recruitment allowing for succession and development across sites. 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 and focus on site is the use of the new Performance Management e-forms which will aid line managers and employees alike in monitoring progress on targets etc. and the central project team is working on the completion of the Sickness Absence system. Good communication and sharing of best practice is being done by the HR Services central team and local Site HR.

Plans are in place to hold a survey with line managers across all levels to discuss 'Managing Performance'. This will include a 'face to face' survey for a small cross section and an electronic survey also. The results of the surveys will be discussed at focus groups and these are scheduled to be held during December and January, and will look at ways to make practical improvements to the way we manage performance in our business.

Sickness absence at Hunterston A has improved slightly and is currently sitting at 9.54 days lost over the past rolling 12 month period (2.19 days short term sick and 7.35 days long term sick) compared to the Company target of 6.25 days. It is pleasing to report the return of a couple of long term sick cases. One employee will be leaving on ill health retirement. Case management on the remaining two individuals, who are undergoing medical treatment, continues with full line manager involvement with OH/HR support.

3.2 Learning and Development

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

The refresher training programme continued, including First Aid at Work, Getmie Safe Rescue System for the Emergency Response Team, and Senior Authorised Person for the shift engineers.

New training initiatives included the Site Management Safety Training Scheme for Site and Project Engineers and specific training aimed at those involved in, and the management of Working at Height. Progress has also been made in the way Hunterston uses E-Learning via the Magnox E Academy to further enhance the skills and competence of those working at Site.

Following on from the training gap analysis reported in the previous period, Hunterston A is now beginning to prepare the 2014 Training Plan to ensure that any initial and refresher training is in place to maintain workplace skills and competence.

Finally, Hunterston A has been working closely with the central Learning & Development team on a robust system for the maintenance of Site authorisations, whereby only those that have been fully training and authorised are permitted to carry out safety related tasks. This project is now drawing to a close with all of the information recorded on the Human Resource Management System, Agresso.

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 November 2012 to October 2013 equate to 263 m³, representing 44% 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 spoil from excavations on historically contaminated areas of the site.

At the end of October the site carried out its first disposal of Very Low Level Waste to a suitably licenced facility in Lancashire. This activity was fully in compliance with the site's existing disposal authorisation and helps to prolong the usable life of the LLWR Repository in Cumbria, by diverting wastes to other facilities in line with the NDA National Waste Programme.

Liquid

Liquid radioactive discharges during the period November 2012 to October 2013 were made at levels that represent less than 1% of the Site's authorised discharge limit for total beta, Plutonium-241, Tritium and total alpha. The main source of this effluent is cartridge cooling pond dewatering.

Gaseous

Gaseous radioactive discharges during the period November 2012 to October 2013 were made at levels that represent 4.1% for Tritium, 4.1% for Carbon-14 and 1.3% 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 will replace the Site's three current authorisations (solid, liquid and gaseous). The authorisation should be issued in the near future.

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.

4.3 Environmental Events

There were no environmental events in the period from August 2013 to October 2013.

.

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 2013 (up to 31st August 2013) are as follows;

- Approximately 206 employees received a total collective dose of 5.359 man.mSv between them;
- Approximately 644 contractors received a total collective dose of 27.696 man.mSv between them;
- The highest individual dose received by an employee was 1.137 mSv;
- The highest individual dose received by a contractor was 2.097 mSv.

The majority of dose accrued in 2013 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.

5.1 Radiological Events

There were no radiological events in the period from August 2013 to October 2013.

6 EMERGENCY PREPAREDNESS

The Site was subject to regulatory demonstration of security arrangements on 12 September. The Office of Nuclear Regulation (ONR) and Civil Nuclear Security (CNS) witnessed the demonstration and the exercise which was passed as an 'adequate demonstration'. The scenario was based on deliberate damage to IT security servers causing significant disruption to the site. ONR and CNS were impressed with how the site handled the scenario by utilising 'out of the box' thinking.

The site also took part in a joint level 2 exercise with Hunterston B on 24 September. The site provided an emergency scenario which allowed the emergency services and other external agencies such as the Food Standards Agency (FSA) and SEPA to get involved. In order to test Hunterston A arrangements, the scenario featured a change in the wind direction which caused our Emergency Control Centre to be evacuated. The exercise provided a good learning opportunity for the team and tested the evacuation process.

Diverse scenario training exercises continue monthly to challenge and train staff.

The Hunterston A off-site plan has been submitted to the Nuclear Safety Committee and is now with the regulator for approval. The plan follows the generic standard.

The HIRE (hazard identification and risk evaluation) document was submitted to the Nuclear Safety Committee in September. The document was well received with no specific amendments to the sites emergency arrangements.

7 NATIONAL MATTERS THAT LINK TO HUNTERSTON A

Successful Supply Chain Event

Around 1,300 visitors from the UK and overseas took advantage of face-to-face networking opportunities at the largest and most successful NDA Estate Supply Chain Event held so far.

Launched in 2011, the Manchester event is organised jointly by the NDA and its Site Licence Companies with the key goal of opening up visibility of opportunity for suppliers, and for Small and Medium-sized Enterprises (SMEs), in particular.

The day was formally opened by Baroness Verma, Parliamentary Under Secretary of State for the Department of Energy & Climate Change.

Around 200 businesses took exhibition space, alongside information stands representing the NDA, all the SLCs, Top Tier 2 suppliers, government bodies and regeneration organisations. Among the new features for 2013 were:

- an innovation zone where leading-edge nuclear companies showcased their technologies and presented case studies.
- an international seminar with nuclear experts from other countries, who updated delegates on the overseas decommissioning market and opportunities that are available for UK companies. Organised in partnership with UK Trade & Investment (UKTI), representatives from Bulgaria, Romania, Switzerland, France, Spain, USA and Japan gave outlines of how UK companies might approach their markets.

Also announced at the event were revisions to the NDA's Intellectual Property terms and the introduction of mandatory prompt payment terms for the whole supply chain.

The event is part of a series of initiatives developed over the past two years to encourage and support the supply chain. These include a simplification of contract flowdown requirements, adopting HMG's Contract Finder as the single, web-based portal for forthcoming tendering opportunities, plus establishment of national and regional steering groups for Small and Medium-Sized Enterprises (SMEs).

8 PA/PR ACTIVITIES/CHARITABLE DONATIONS

We are now in the second year of the new Magnox Socio-Economic Fund and a total of **20** applications (**13 successful, 3 rejected, 4 pending**) have been submitted to date for 2013/14. Please see below applications that have been successful in receiving awards:

<i>Socio-Economic Funding 2013/14:</i>	£
Kilwinning Academy – Breaking Free Project	1,000
North Ayrshire & Arran District Scout Council – District Camp 2013	500
3tfm Community Radio for Health – Digital Radio Equipment	5,000
Clubs for Young People Scotwest	500
North Ayrshire Table Tennis Club - Table Tennis Equipment for Schools	1,000
Largs Viking Festival 2013	1,000
Largs Events – 750 th Anniversary Gathering of the Clans	1,000
West Kilbride Out of School Care – Microwave and Fridge	300
Stevenston Christmas Lights Fund – Support to Event	250
Firth of Clyde Coastal Rowing Club – Fairlie Skiff Project	3,900
Kirktonhall Creative Media Group – Elderly Project	670
1st Stevenston Boys Brigade – Camping and Outdoor Equipment	800
Dalry Burns Club – Schools Competition	500
<i>Total</i>	<i>£16,420</i>

9 SITE VISITS AND KEY DATES

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

5 September 2013	David Batters, Chief Finance Officer, NDA, at Hunterston A
19 September 2013	Sellafield visit to Hunterston A
24 September 2013	Level 2 Exercise

25 September 2013	SSG tour & presentation
11 October 2013	Flask off site
29 & 31 October 2013	VLLW off site
12 November 2013	Contractors safety forum
14 November 2013	World Quality day
18 – 22 November 2013	Chris Kemp, ONR Site Inspector, at Hunterston A
19 – 20 November 2013	ONR/CNS at Hunterston A
21 November 2013	SEPA at Hunterston A Site
29 November 2013	Leadership Forum