

DOUNREAY STAKEHOLDER GROUP
DSG SITE RESTORATION SUB GROUP

DSG/SRSG(2018)M002

Minutes of the DSG Site Restoration sub group meeting held on Wednesday 25th July 2018 at 1900 hrs in the Pentland Hotel (Georgina suite), Thurso.

Present:	Cllr Willie Mackay	Highland Council (sub group chairman)
	Alastair MacDonald	DSG honorary member
	Andrew Taylor	SGRPID
	Gillian Coghill	Buldoe Residents Group
	Thelma MacKenzie	Thurso Community Council
	Roger Saxon	DSG Chairman
	Sandra Owsnett	Dounreay Unions
	David Broughton	DSG Co-opted Member of the Public
	Roy Blackburn	DSG Co-opted Member of the Public
In addition:	Dawn Clasper	DSG Minute Secretary
	June Love	Dounreay Community Relations Manager (DSG Secretariat)
	Mark Raffle	NDA Programme Manager
	David Lowe	Deputy Managing Director, Dounreay
	Ltd Cdr Ian Walker	MOD Vulcan
	Stewart Ballantine	SEPA
	Pat Green	CNC
	Sam Usher	Waste Director, Dounreay
	Alan Mowat	Waste Optimisation Manager
	Adreain Gill	Interim End State Delivery Manager

MINUTES

1. WELCOME AND INTRODUCTIONS

Cllr Willie Mackay welcomed everyone to the meeting. Cllr Mackay also welcomed Sam Usher (Waste Director), Alan Mowat (Waste Manager) and Adreain Gill (Interim End State Delivery Manager) from DSRL who were attending to provide updates later in the agenda. He intimated that due to the additional briefings the written updates would be taken as read and attendees were asked to highlight any topics not previously reported in the written updates or respond to any questions raised.

Cllr Willie Mackay noted that there was still a requirement for a deputy chair for the sub group. Cllr Mackay had taken the liberty of speaking with Gillian Coghill who had intimated she would be willing to take on this position provided no-one else wished to stand. As there were no further nominations Gillian Coghill was nominated as Site Restoration sub group deputy chair. This was proposed by Thelma MacKenzie and seconded by Roger Saxon.

2. APOLOGIES

Apologies were received from:

-) Danny Gregory, ONR (Dounreay)
-) Cdr Ken Dyke (Lt Cdr Ian Walker deputising)
-) David Flear, DSG honorary member
-) Bob Earnshaw, DSG honorary member
-) George MacDougall, Caithness West Community Council

-) Brian Mutch (Andrew Taylor deputising)
-) Mike Flavell, Health Service

3. MINUTES OF LAST MEETING

Cllr Willie Mackay noted that the minutes – DSG/SRSG(2018)M001 – had been circulated to members in advance of the meeting. These were accepted as a true reflection of the meeting. This was proposed by Thelma MacKenzie and seconded by Sandra Owsnett.

No issues were raised from the minutes.

4. ACTIONS

Cllr Willie Mackay noted that the status of actions had been circulated to members in advance of the meeting. The majority of actions had been completed and asked if anyone wished to raise anything on the closed actions before concentrating on the ongoing ones.

-) DSG(2018)M004/A011: June Love to request a meeting with Alan Cummings (NDA) and DSG members when next visiting the Dounreay site. Action ongoing: Anna MacConnell has responded that she will organise this as soon as Alan Cummings is back in Caithness.
-) DSG(2018)M004/A018: David Lowe to provide a simple bar chart of key projects with indicative delivery dates. Action Complete. David Lowe commented that he has provided the current 'plan on a page' (simplified high level schedule) and identified what the closure mission was to achieve the interim end state. It generally lines up with what would be provided to the NDA next week providing information on the site wide impact. The plan had been divided into major project directorates. The BCP on site wide impacts described the impacts on the contract baseline due to the exotics programme, and this would be issued to the NDA. From there it would go through a NDA review and approval process. In parallel, site management will be looking at the performance plan and considering other aspects; including changes to decommissioning approaches and future opportunities to allow the achievement of the interim end state. The performance plan should be in place in January 2019 and following this a more definitive schedule with interim end state dates will be provided to DSG. David Lowe intimated that there needed to be a clear understanding that the schedule would remain fluid.

Roger Saxon commented that this action had come about because in the NDA annual plan there had only been a small number of milestones for the Dounreay site and DSG recognised that this would change following the re-alignment of the new decommissioning plan. David Lowe responded that he would provide a simple A3/A4 sheet highlight the key dates for the different areas and this would be provided following approval of the new plan.

DSG/SRSG(2018)M002/A001: David Lowe to provide a simple A3/A4 page highlighting key milestone dates for delivery of site decommissioning to interim end state based on the SWI-R BCP once accepted by NDA.

Sandra Owsnett commented that at the last meeting she had asked a number of questions regarding the plan and there were still a lot of things to be taken into consideration that would need to be included after the new plan had been agreed therefore there was never going to be any stability to this.

David Lowe responded that the site wide impact was a change to the contract base line looking back at the start of the exotics programme, and the logic in place at that time which took the site to the end of exotics. It was recognised that there would be ongoing changes and opportunities that would

require to be factored in and also assumptions that were in the schedule that had not materialised. This was what would be in the performance plan following agreement of the contract base line and this would be made available after the risks and opportunities had been factored in. In parallel, DSRL site management and the supporting Directorates would be looking at the development of a separate performance plan that would build on the SWI-R BCP and consider experience to date as well as risks and opportunities to the achievement of the interim end state. If acceptable to the NDA it was likely that the new plan would be approved in January 2019.

David Broughton asked if it was likely that the proposed performance plan would involve major strategy changes. David Lowe responded that there may be some strategic changes and would also take account of some of the opportunities already identified. Overall, he did not foresee significant changes to a particular project or programme sequencing.

-) DSG(2018)M004/A020: DSG members to consider whether additional engagement with ONR would be useful. Action Complete.
-) DSG(2018)M004/A022: June Love to contact John Hook, Rolls Royce to find out when their recruitment will cease in this area and how many apprentices have been recruited in the last 4 years. Action ongoing: This action has been addressed in the Rolls Royce updated DSG(2018)P022.

Cllr Willie Mackay noted that there were two outstanding actions from previous meetings, one a longer term one not due to be completed until January 2019. He noted that the response from the Safety Assessment Federation was still outstanding.

All other actions raised from the last sub group and public meetings had been completed and Cllr Mackay noted that he did not propose to go through these unless anyone wished to raise a specific action.

Gillian Coghill commented on action DSG(2018)M001/A014 if there had been any further update with the Sports Hub and when their next AGM would be. June Love responded that an update had been provided to the Socio Economic sub group and would be reflected in the minutes which would be circulated shortly.

5. DOUNREAY UPDATE

Cllr Willie Mackay noted written updates had been received and distributed to members in advance of the meeting. As stated earlier these updates would be taken as read.

-) DSG(2018)P019: Dounreay report
-) DSG(2018)P019: SEPA report
-) DSG(2018)P020: ONR report

Cllr Mackay invited the following to provide updates:

NDA: Mark Raffle, NDA provided the following update:

-) NDA recognised the importance of the stability of the Dounreay funding and it was currently expected that after several years of increased funding the annual budget would return to the expected contract funding level. The next Government spending review would take place shortly and would apply to the 2020-2024 budget.

-) Recruitment was underway for a NDA Head of Programme for Dounreay which was the post that Nigel Lowe vacated when he left to support the Magnox contract. Alan Cummings, NDA Director of Operations had been in post for a few months now and was looking to fill this post along with a similar post for Magnox.
-) NDA had hosted a Japanese visit to the area recently with involvement from DSG members, Derrick Milnes and David Flear. There was a lot of interest on decommissioning activities from Japan and further visits were in the pipeline with the potential of a Japanese Minister level visit being held in the future.
-) At Nucleus, as reported previously there had been an incident where one of the employees had been injured. An investigation was being carried out. The employee, previously a trainee, is now a full employee. The Nucleus had also been closed to the public over the last fortnight as a precaution. This had resulted due to the high temperatures in the cold water system and while legionella had now been ruled out the facility was closed to the public as a precaution. It was due to re-open next week.
-) In terms of DRS, the commercial freight trial was due to be undertaken in the next couple of weeks. Currently DRS were securing the use of a lifting beam to allow this trial to take place.

Cllr Willie Mackay thanked Mark Raffle for his input and invited questions from members.

Sandra Owsnett noted that there had been a recent report about a DRS train going through a stop signal and asked whether there was an update on this. Mark Raffle noted that Dave Lowe would cover this in his update.

David Broughton asked whether the Magnox contract was going back in-house to NDA. Mark Raffle responded that the current contract with Cavendish Fluor Partnership would be terminated in September 2019 and at that point Magnox would become a subsidiary of the NDA.

Dounreay: (DSG(2018)P018 refers)

David Lowe, Deputy Managing Director, Dounreay provided the following update:

-) An incident was reported by DRS while carrying out a recent move of spent fuel from Dounreay DRS had reported an incident which occurred on 13th July 2018 where a DRS train ran through a stop signal. An initial investigation had seen the event reclassified from a 'signal passed at danger incident' to an 'operational irregularity'. DRS had informed NDA and the site that Network Rail would undertake an investigation. There had been no risk of a collision and the consignment had remained safe at all times. Safety and security remains DRS' highest priority and the safety record for transporting spent fuel by rail remains exemplary.

Mark Raffle noted that the initial investigation showed that it had been a signal failure which had resulted in this occurrence. He also noted that Chris Connelly, DRS had indicated his willingness to provide a briefing to DSG members with further details on how this had happened.

Roger Saxon noted that this incident had been reported widely in the press but appeared to be inaccurate as this was the first time he had heard that this was a signal failure. Members felt that DRS should try to factually correct this to ensure the general public were aware of the root cause of this. Roy Blackburn agreed with this comment.

DSG/SRSG(2018)M002/A002: DSG to write to DRS to ask for an update on the incident reported in July 2018 when a DRS train went through the red signal.

DSG/SRSG(2018)M002/A003: Mark Raffle to speak to DRS with reference to information on the DRS incident in July being reported factually.

Gillian Coghill noted that, in the written report, there was reference to stuck elements and asked what these were. David Lowe responded that the DFR reactor core held a number of fuel elements, some of which had become distorted and bowed overtime and had become stuck within the core. Those elements that were not stuck will be removed using the current process and work was now underway to develop and test the method to remove those that are stuck.

Gillian Coghill also noted an update on ROC, the company who had been awarded the IT contract at Dounreay and had been delighted to read about their socio economic commitment to the area.

Roy Blackburn asked, in the context of the interim end state, what the zonal closure areas were on site. It was noted that Adreain Gill would cover this in his update later in the meeting.

David Broughton noted he was interested in the PFR heel and asked whether there was a design contract let for making this. David Lowe responded that the contract had been let and work would commence shortly.

David Broughton noted that the SDP building was being taken apart in the PFR turbine hall and asked where the heel would be processed if the SDP facility was not available. David Lowe responded that they were looking at a different plant as the alkali metal residues that were in place would require a new process to deal with these.

David Broughton noted that at a previous meeting there had been mention of a potential release of radiation in the low level waste pits 1-6 which was related to the water table. With the dry weather over the last few weeks he asked whether the water levels had reduced further and had resulted in releases into the environment. Stewart Ballantine noted that SEPA were expecting to see the monitoring report in due course but at present there was nothing that they were aware of which would cause concern.

Roy Blackburn congratulated David Lowe on the safety statistics which had been improving. He noted that a number of initiatives had been put in place to address safety among the workforce including a new Mind Safety training course. He asked what this was. David Lowe responded that this was behavioural training that had been rolled out across the site.

SEPA: (DSG(2018)P019 refers).

Stewart Ballantine, SEPA provided the following report:

-) As previously mentioned, SEPA were now producing sector plans and it was expected that the Nuclear sector plan would be available in the spring of next year. This plan would cover the Dounreay site and the new low level waste facility although it is not covered under a nuclear site licence.
-) The GRR regulations had now been published.

DSG/SRSG(2018)M001/A004: June Love to circulate website link to members for GRR regulations

Sandra Owsnett noted that SEPA had recently undertaken a compliance inspection and asked what the result of this was. Stewart Ballantine responded that the compliance inspection was in terms of the RSA authorisation and work was ongoing.

ONR: (DSG(2018)P020 refers).

Cllr Willie Mackay noted that Danny Gregory had tendered his apologies. He asked if members wished to raise anything from the ONR report it would be actioned through for ONR to clarify. No issues were raised from the ONR report.

CNC: Pat Green reported that CNC:

-) Continued to work with the site security team to support the fuels project which is continually evolving.
-) A recent site exercise had resulted in a 'green' status from ONR.
-) Training for new Incident Management system was going well.
-) Two new recruits were settling in well and recruitment continues.
-) An internal audit had taken place with positive feedback.
-) Work continued to support the MOD police in relation to upcoming exercises for security in the area. Other opportunities for working together were being considered. CNC had participated in Exercise Lonestar which was Vulcan's annual safety exercise.
-) Project Servator continued to be rolled out and collaboration opportunities continued to be considered working with Police Scotland. Project Servator had been rolled out on the Dounreay site and had received a positive response with employees being vigilant to the point where they were reporting suspicious vehicles, etc. This had now been expanded into the rural areas and CNC were working with the local community.
-) A close working relationship continued with DSRL's Head of Security and had also provided support for the filming by drone for a Hidden Britain programme.
-) CNC had attended the local residents meeting which met every six months to provide site updates.
-) Work continued with Police Scotland across a number of areas.

Cllr Willie Mackay thanked Pat Green for his input and invited questions from members.

Gillian Coghill noted that the CNC interaction with the local residents, in relation to Project Servator, was important as the local residents were the eyes and ears of the area.

Sandra Owsnett noted the recent change of guarding arrangements for the Fuel Cycle Area and asked why this had been announced and then overturned. Pat Green responded that CNC had approached the site at the start of the year as it was felt that they would not have the capacity to staff the post after 1st July. There appeared to be some mis-communication around this. David Lowe added that he did not have the full details but would take this away and respond.

DSG/SRSG(2018)M002/A005: David Lowe to clarify the recent change of guarding arrangements for the Fuel Cycle Area.

6. WASTE UPDATE

Cllr Willie Mackay noted it is always nice to see different faces around the table who were keen to provide updates to DSG as the decommissioning plan evolve. He handed over to Sam Usher, Waste Project Director who thanked DSG members for allowing him to attend this meeting to provide an update on waste topics.

He stated that waste is the primary product of site decommissioning and it had to be managed as a quality product. This is approach was something both ONR and SEPA were supportive of.

The site had an obligation to optimise waste both under regulatory requirements and also because it made good business sense. In response, Stewart Ballantyne commented, not only was SEPA supportive, it was an actual requirement of the authorisation to look at this optimisation work including feasibility of diversion of waste.

Sam Usher introduced Alan Mowat who had recently been appointed as Waste Optimisation Manager.

Sam Usher noted there were two areas that he specifically wished to provide an update on, one being the treatment of some Low level waste and the second topic related to Radioactive Substances Authorisation (RSA) for the new low level waste vaults.

DSRL has constructed its own Low level Waste Disposal Facility (LLWDF) which is authorised by SEPA. Two vaults had been built with the option of building a further four under the planning approvals. Disposal of low level waste was seen as the best solution where it could be demonstrated to be Best Practical Means (BPM). BPM assesses various criteria to ensure the right balance of these is made. Criteria includes cost, applying the waste hierarchy, safety impacts, and environmental impacts along with several others. For all wastes the site must demonstrate BPM to justify what is the best route which includes an obligation to what extent the re-use, recycle and disposal is applied. At the time, disposal was stated as being BPM but subsequently alternative management options have become available within the Industry which aligns with UK policy which aligns with NDA policy, RSA authorisations and procedures across the NDA estate allowing the diversion and treatment of waste.

There is a quantity of historical LLW in storage on the site where disposal had yet to be demonstrated as the BPM.

Roy Blackburn asked where these wastes had come from. Sam Usher responded some of these wastes included large bulk and non-containerised wastes but also some wastes that would fit into a container but was not necessarily the best option to containerise and place into the LLW Disposal Facility.

At present the site was looking to undertake a feasibility study to determine the more practical/feasible option for the management of these wastes including one of the options to transfer away from the Dounreay site for treatment at authorised and regulated facilities. At this stage, Sam Usher, emphasised that there was no preconceived conclusions and this was purely at the feasibility stage. Treatment locations may be within the UK or outwith the UK.

Gillian Coghill asked whether the decontamination and recycling of metal would be a cheaper option and could this be carried out on site. Sam Usher responded that the LLWR near Drigg have a

managed supply chain on behalf of the nuclear industry. If this was to be identified as the preferred option then LLWR would take ownership of the waste with the secondary waste products likely to be returned to LLWR. There would be no return of waste back to Dounreay.

In relation to treating this waste on the Dounreay site this was something that is being looked at and continues to be one of the options being considered although the indicative high cost of several million pounds for a melter would be difficult to justify for the volume of Dounreay waste.

Roger Saxon asked if this feasibility study was covering low level waste only. Alan Mowat confirmed this was the case. Sam Usher re-iterated they the options being considered were now standard practice within the NDA estate including in others parts of Scotland, for example, Chapelcross are about to transport large metallic waste from its site for off-site treatment. SEPA and Scottish Government are supportive on DSRL's approach.

Sandra Owsnett asked whether there was an opportunity for DSG members to go and ask other sites how this worked.

DSG/SRSG(2018)M002/A006: Sam Usher to ask for Chapelcross examples of low level waste treatment and transfers.

Sam Usher noted that it was important that stakeholders were briefed on these topics as they did not want any surprises to arise. At present they were looking to issue a tender within the next 10 days or so to begin the process of developing a feasibility study. The contract would commence in September and run until around Christmas which should result in a clear outcome of preferable options. The study would cover the type and quantities of waste and decisions on these would be taken by the end of March next year.

Gillian Coghill asked whether this would determine whether all 6 low level waste vaults would be required. Sam Usher responded that this has the potential to make the best use of the vaults. Alan Mowat added this work would also provide a clearer picture of waste arisings.

David Broughton recalled, when he was Project Manager for the low level waste facility, this had been looked at around 10 years ago and it had been had found that normal industry would not accept recycled steel even if it had been demonstrated as clean. He asked whether there had been a change in industry approach to this. Sam Usher said this had changed and there were a number of steel producers who would now accept this. These companies own melters which was a key part of the recycling regime for radioactive metal reducing this to 80% of metallic waste. EDF was a good example of where this had been done before with waste going to a facility in Warrington, recycled and shot blasted with the melter located in Sweden.

Alastair MacDonald noted that at Dounreay there was a range of radioactive waste but pointed out that there was also similar waste arising from hospitals which historically went to the local dump.

Sam Usher noted that this approach may be perceived as a change, that people may have an interest in this and that was why he was providing an update at the meeting. He added that he had spoken with Scottish Government alongside the NDA and SG was supportive on the concept of looking at this. SEPA were also supportive as long as it was consistent with existing policies and regulations. Alastair MacDonald stated that it would be all down to public perception.

Sam Usher also noted that the site had some low activity oils and solvents which required treatment/disposal. Under its Authorisation, DSRL would be consigning this to an incinerator in

Fawley who undertake this type of treatment. SEPA had been pre-notified about DSRL's proposal and have been requested to authorise this consignment.

In relation to the RSA authorisation, Sam stated that the new LLWDF, had limits and conditions on what wastes could be disposed within the vaults which had been justified via an Environmental Safety Case (ESC). The ESC and authorisation was based on an inventory produced in 2009 and the authorisation issued by SEPA had been based on that exact detailed inventory. Initial operational experience along with further decommissioning identified that there was a number of potential conditions that while not impacting on safety did constrain waste disposal, primarily with the radionuclide specific limits. With this in mind, the site would be seeking to apply for a variation for a new authorisation based on a revised inventory and suitable safety margins.

Preparation of the documentation in support of the new authorisation application, including an updated ESC based on the revised inventory would take up to 2 years. Once completed, an application would be made to SEPA and then SEPA would then undertake a public consultation. Subject to the outcome, the site would hope for a new authorisation within the next 3-4 years. This application was not looking to degrade safety but it was important to encompass all of the future LLW on the site.

David Broughton asked if this related to all categories of site waste. Sam Usher confirmed this was for low level waste only.

Roy Blackburn asked how the inventory was measured and whether all 6 vaults would be required. Alan Mowat responded the authorisation would be revisited but would be focussed primarily on radioactivity rather than waste volume. With further work being developed such an authorisation would be based on a new inventory and this would also inform the number of vaults required.

Roy Blackburn asked whether this would negate the requirements for six vaults to be built. Stewart Ballantine responded that the 2009 waste inventory was the best guess at that time. With further work being developed such an authorisation would be based on a new inventory and this would also inform the number of vaults required.

There being no further questions, Cllr Mackay thanked Sam Usher for his update.

7. OPTIMISED SITE END STATES

Cllr Willie Mackay noted that, through earlier written updates, DSG members had been made aware of the review of the site end state and were keen to keep an eye on this given the full consultation DSG had undertaken many years ago. In addition, he noted the number of consultations over the past year which related to regulation of nuclear sites in final clean up, GRR regulations and the like. Putting the emerging regulations into context and explaining how this allows the site to change some of their original assumptions would be useful to hear.

Adrieen Gill, Interim End State Delivery Manager, thanked DSG members for allowing him to attend to provide an update on unconstrained site end states. He noted the following:

The site was due to reach interim end state around 2030-33 and after that point it was expected that the site would be under restricted use for a sustained period of up to 300 years thereafter it would be available for unrestricted use. There were exceptions to this as some parts of the site would be available for free release at the interim end point while other parts of site would be under a restricted use period until the 'no danger' levels were met which would be based on ONR's 'No Danger' criteria which was risk based.

The new Guidance on the Requirements for Release of Nuclear Sites from Radiological Substances Regulation (GRR) had now been published. DSRL had been invited by the NDA, along with Trawsfynydd and Winfrith, to work to the draft GRRs and meet quarterly to progress these changing regulations. DSRL was focused on developing processes associated with the main criteria which came out of the GRRs. The 3 main criteria were to produce a site wide Environmental Safety Case (ESC), produce a waste management plan and develop an optimised end state.

The site-wide ESC was effectively the ESC that justifies the totality of the disposals on site and ensures all the relevant regulations are met. In parallel with this the site has a waste management plan which is a process of being revised that demonstrates that all waste is safely managed and that there are defined routes for waste that is produced or left behind. The GRRs provide guidance on where justification can be made and therefore there was a potential to dispose of very Low Level Waste either in situ or to backfill voids.

The optimised end state would follow the NDA valued added framework which was a BPM process where a number of criteria would be considered and the different options would be measured against different components. This is being looked at on a site wide basis. The NDA had asked DSRL to undertake an unconstrained sustainable review of the Site End state and this process had been started by looking at options that may be applicable based on doing the right thing, i.e. there would be no point in digging up waste to put into a different hole, as long as it was justified that there was no impact on any of the receptors.

The process being developed would allow The Highland Council to look at the end state with respect to a zonal approach, i.e. the Dounreay site would be divided in to different zones to allow detail on each of these zones to be provided. This process had been agreed in principle with SEPA and The Highland Council which would demonstrate the argument or justification for an area to be closed in accordance with the relevant procures to ensure the process was being de-risked. This would allow agreement up front for various zones and then towards the end there would be a process of verification that these conditions were in place and no work had taken place that would invalidate this. This would likely take the form of periods of monitoring so any assumptions made would be verified.

Roy Blackburn asked what the zonal closure areas were and whether this meant it had been through the regulatory process already. Adreain Gill responded that effectively the zonal areas were various areas of the site and demonstrated how this would be managed by DSRL and following remediation these areas would be fenced off so no further work would be carried out there to ensure that the land was returned back to as close to its original state with a sampling and verification regime.

Stewart Ballantine noted that this process would not be signed off by SEPA as the ultimate sign-off by SEPA would be through the revocation of RSA. A process had been agreed with DSRL for validation and monitoring as the site works towards closure and revocation of the authorisation. This process allows for areas to be revisited if something was missed during the site decommissioning and clean-up process prior to revocation of the authorisation. There would be an opportunity to reduce the boundary of the RSA93 should the site wish, but even without the reduction it did not fundamentally prevent reuse of areas of the site.

David Broughton asked what the security impact would be on the ILW store. Adreain Gill responded that this would be taken into account and had been factored in on the Phase 3 planning.

Roger Saxon noted that both the waste and interim end state updates were useful updates and suggested that these should be the basis of presentations at the next public meeting to be held in September as this should be of interest to the wider DSG membership as well as to the general public. DSG members agreed that public presentations at the September DSG would be useful.

DSG/SRSG(2018)M002/A007: June Love to include waste and interim end state presentations on the agenda for the September DSG public meeting.

8. VULCAN UPDATE

Cllr Willie Mackay noted the following written updates had been provided, and noted that the papers would be taken as read. The updates provided in advance were:

-) DSG(2018)P021: Vulcan update
-) DSG(2018)P022: Rolls Royce update
-) DSG(2018)P019: SEPA report
-) DSG(2018)P015: DNSR Report

Cllr Willie Mackay noted that an email had been received from Cdr Ken Dyke to inform DSG that he would be retiring from the Royal Navy later this year and his replacement would be Cdr Shaun Southwood who would take up post from the end of August. Cdr Southwood would therefore attend sub groups in future with Wendy Newton attending public meetings on behalf of MOD. Cdr Ken Dyke had indicated he would be organising a leaving drink around mid-September and Cllr Mackay took the opportunity to thank Cdr Dyke for his involvement with DSG over the years.

DSG/SRSG(2018)M002/A008: DSG to write to Cdr Ken Dyke thanking him for his involvement.

Cllr Willie Mackay invited Lt Cdr Ian Walker to provide highlights. Lt Cdr Ian Walker noted the following:

-) With reference to the Rolls Royce redundancies a letter had been sent in response to Roger Saxon, DSG Chairman.

DSG/SRSG(2018)M002/A009: June Love to circulate the letter received from Rolls Royce.

Cllr Willie Mackay thanked Ltd Cdr Ian Walker for his input and invited questions from members.

June love asked, on behalf of David Flear, if there was a decommissioning plan in place for Vulcan. Lt Cdr Ian Walker responded that there was plan that was currently being updated and would be available in 2019.

The Rolls Royce update (DSG(2018)P022 refers) was considered and questions raised below.

-) David Brought noted that the response in relation to action DSG(2018)M004/A022 did not adequately address the question in relation to when Rolls Royce expected their apprenticeship programme to cease. June Love stated she would go back to Rolls Royce for a response.

DSG/SRSG(2018)M002/A010: June Love to contact John Hook to confirm when this will cease.

The SEPA update (DSG(2018)P019 refers) was considered and there were no questions raised.

The DNSR report (DSG(2018)P015 refers) was considered and there were no questions raised.

9. CORRESPONDENCE

Cllr Willie Mackay noted that most of the correspondence which had been received since the last DSG meeting had been circulated to members in advance and would be taken as read. These were:

-) DSG(2018)C021: BEIS workshop, Edinburgh 6th June
-) DSG(2018)C022: NDA SME spend Scotland
-) DSG(2018)C025: DSG response to BEIS consultation on regulation of sites in final stages of decommissioning and clean-up.

Gillian Coghill noted that correspondence DSG(2018)C021: BEIS workshop, Edinburgh 6th June was a re-assuring report for the surrounding area for the more local residents. She asked if this document could be forwarded to the Buldoo Residents Group.

DSG/SRSG(2018)M002/A011: June Love to provide correspondence DSG(2018)C021: BEIS workshop, Edinburgh 6th June to Buldoo Residents Group.

David Broughton noted that in BEIS Consultation (DSG(2018)C025) there was a small error in DSG's response when it talks about high activity waste – the term should have read 'higher'.

DSG/SRSG(2018)M002/A012: June Love to change the wording from High Activity waste to Higher Activity waste in DSG(2018)C025.

10. ANY OTHER BUSINESS

Cllr Willie Mackay asked whether anyone wished to raise any other business. The following was noted:

-) Roger Saxon noted that he had attended the BEIS consultation in Edinburgh and the possible re-use of rubble to fill voids had been discussed.
-) Roger Saxon also noted that Derrick Milnes and David Flear had attended the NDA Stakeholder Summit in Berkeley along with June Love, Anna MacConnell and Phil Cartwright. Derrick Milnes reported that day one had opened with a number of key note speeches from the Chair and CEO of the NDA and a representative from BIES providing updates on all major strategic issues and also on NDA's changing focus in light of the Magnox sites soon to become subsidiary companies of the NDA.

After a number of other presentations from Berkeley, Sellafield and policy Derrick Milnes and David Flear had attended a SSG chair's forum. From a DSG point of view disappointment had been noted with the lack of agenda and any actions from previous meetings and lack of information from the chair throughout the year – it appeared the Magnox sites were being kept informed but Dounreay had been omitted from any correspondence – assurances that this will be rectified was provided.

Day two was themed on working with communities to create a positive legacy and a number of interesting presentations were provided relating to socio economic activity. A number of workshops were also held and Derrick Milnes had attended the transition of the Magnox management model presented by Nigel Lowe which he had found very interesting. The transition of the Magnox contract was due to take place around 1st September 2019.

-) Roger Saxon had been invited to a stakeholder dinner with a Japanese delegation but had not been available and therefore Derrick Milnes and David Flear had attended this on behalf of DSG.
-) Gillian Coghill noted that in the BEIS consultation she had been delighted to see it could alter the vault expansion as it may not all be needed if the in situ disposal of wastes in voids. This could mean that the export of rubble into the vaults. She believed this would be welcomed by the local residents as it may reduce the impact of the Buldoo residents.
-) Gillian Coghill asked if the Shaft and Silo wastes would be treated as landfill and grouted. If this was the case she questioned whether this would pose a significant threat with coastal erosion and pose catastrophic problems damaging both land and sea for future generations. Stewart Ballantine responded that any disposals of radioactive waste, including waste from the Shaft and Silo, would require the appropriate application of termination of the RSA 93 authorisation.

Gillian Coghill requested that the DSG response to BEIS consultation on regulation of sites in final stages of decommissioning and clean-up be provided for the Buldoo Residents meeting. Stewart Ballantine noted that if there were any concerns regarding the SEPA regulatory aspects he is happy to speak to the residents.

DSG/SRSG(2018)M002/A013: June Love to provide DSG(2018)C025: DSG response to BEIS consultation on regulation of sites in final stages of decommissioning and clean-up to Buldoo Residents Group.

-) June Love noted that the recent Consultation on protecting the public from radioactive contamination in land, how to improve the protection of the public in contamination in land.

DSG/SRSG(2018)M002/A014: June Love to circulate the link to the consultation on protecting the public from radioactive contamination in land, how to improve the protection of the public in contamination in land.

-) Stewart Ballantine noted that the content of his written report had been a reflection of the improved environmental performance seen on the Dounreay site.
-) Lt Cdr Ian Walker noted, as previously mentioned in relation to the sale of Vulcan houses, these had all now been sold.

11. CLOSE

There being no further business, Cllr Willie Mackay thanked everyone for their input and formally closed the meeting.

Willie Mackay
DSG Site Restoration sub group chairman
14th August 2018

ACTIONS ARISING FROM THIS MEETING

DSG/SRSG(2018)M002/A001: David Lowe to provide a simple A3/A4 page highlighting key milestone dates for delivery of site decommissioning to interim end state based on the SWI-R BCP once accepted by NDA.

DSG/SRSG(2018)M002/A002: DSG to write to DRS to ask for an update on the incident reported in July 2018 when a DRS train went through the red signal.

DSG/SRSG(2018)M002/A003: Mark Raffle to speak to DRS with reference to information on the DRS incident in July being reported factually.

DSG/SRSG(2018)M001/A004: June Love to circulate website link to members for GRR regulations.

DSG/SRSG(2018)M002/A005: David Lowe to clarify the recent change of guarding arrangements for the Fuel Cycle Area.

DSG/SRSG(2018)M002/A006: Sam Usher to ask for Chapelcross examples of low level waste treatment and transfers.

DSG/SRSG(2018)M002/A007: June Love to include waste and interim end state presentations on the agenda for the September DSG public meeting.

DSG/SRSG(2018)M002/A008: DSG to write to Cdr Ken Dyke thanking him for his involvement.

DSG/SRSG(2018)M002/A009: June Love to circulate the letter received from Rolls Royce.

DSG/SRSG(2018)M002/A010: June Love to contact John Hook to confirm when this will cease.

DSG/SRSG(2018)M002/A011: June Love to provide correspondence DSG(2018)C021: BEIS workshop, Edinburgh 6th June to Buldoo Residents Group.

DSG/SRSG(2018)M002/A012: June Love to change the wording from High Activity waste to Higher Activity waste in DSG(2018)C025.

DSG/SRSG(2018)M002/A013: June Love to provide DSG(2018)C025: DSG response to BEIS consultation on regulation of sites in final stages of decommissioning and clean-up to Buldoo Residents Group.

DSG/SRSG(2018)M002/A014: June Love to circulate the link to the consultation on protecting the public from radioactive contamination in land, how to improve the protection of the public in contamination in land.