

DOUNREAY STAKEHOLDER GROUP  
DSG SITE RESTORATION SUB GROUP

DSG/SRSG(2018)M001

Minutes of the DSG Site Restoration sub group meeting held on Wednesday 16<sup>th</sup> May 2018 at 1900 hrs in the Pentland Hotel (Georgina suite), Thurso.

Present:	Cllr Willie Mackay	Highland Council (sub group chairman)
	Bob Earnshaw	Thurso Community Council
	Gillian Coghill	Buldoo Residents Group
	Thelma MacKenzie	Thurso Community Council
	Roger Saxon	DSG Chairman
	Cllr Kirsteen Currie	Highland Council
	George MacDougall	Caithness West Community Council
	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
	Mark Raffle	NDA Programme Manager
	David Lowe	Deputy Managing Director, Dounreay
	Cdr Ken Dyke	MOD Vulcan
	Ian Rogers	ONR (Dounreay)
	Stewart Ballantine	SEPA
	Pat Green	CNC

## MINUTES

### 1. WELCOME AND INTRODUCTIONS

Cllr Willie Mackay welcomed everyone to the meeting. He thanked members for nominating him to become the new sub group chair and thanked Bob Earnshaw for all his efforts as part sub group chair.

Cllr Mackay also welcomed Cllr Kirsteen Currie, representing Highland Council North, West and Central Sutherland to her first meeting and introductions were made round the table.

### 2. APOLOGIES

Apologies were received from:

- ) June Love, DSRL Stakeholder Relations Manager
- ) David Flear, DSG Honorary member
- ) Malcolm Bell, Shetland Islands Council
- ) Brian Much, SGRPID
- ) Mike Flavell, NHS
- ) Danny Gregory, ONR (Dounreay) – Ian Rogers Deputising

### 3. MINUTES OF LAST MEETING

Cllr Willie Mackay noted that the minutes – DSG/SRSG(2018)M004 – 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 Gillian Coghill.

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.

Roger Saxon asked regarding the closed action DSG(2018)M001/A005: Stewart Ballantine, SEPA to provide June Love with information on the forthcoming habitat survey for distribution to DSG members. Action complete: Information was provided and circulated to DSG members on 16<sup>th</sup> March 2018. Roger Saxon noted that June Love had circulated the information but asked if SEPA had an update on how this was progressing. Stewart Ballantine responded that they had no further updates.

Roger Saxon noted that DSG(2018)M001/A009: June Love to circulate the final version of DSG response to NDA draft business plan to DSG members. Action complete. It was noted that a response had recently been received.

) DSG(2018)M001/A001: Wendy Newton to present the options for the future of the Vulcan site to the Site Restoration sub group meeting in January 2019. Cllr Willie Mackay noted that he was not going to ask for an update but asked June Love to put this in the key diary for DSG to ensure this is raised on the agenda for the January 2019 sub group.

) DSG(2018)M001/A002: Wendy Newton to provide an explanation as to why Vulcan has withdrawn iodine tablets to local residents.

Cdr Ken Dyke advised that iodine was a product of nuclear fission that decays over time. The Stable Iodine Tablets are provided to swamp the thyroid with non active iodine, which reduces the uptake of radioactive iodine in the extremely unlikely event of an accident which leads to a release of fission products to the environment. Since the shutdown of STF in July 2015 the iodine has decayed to zero and therefore there was no potential for an iodine release. The stable Iodate tablets therefore provide no benefit and they have been withdrawn with the agreement of ONR.

) DSG(2018)M001/A009: June Love to write to The Safety Assessment Federation (SaFed) regarding the Vulcan boiler incident. Action ongoing: correspondence sent on 1<sup>st</sup> May response awaited.

) DSG(2017)M003/A018: DSG Business meeting to consider the roles and remit of the sub groups once all vacancies had been filled. Action ongoing – this would be discussed at the business meeting due to meet on 4<sup>th</sup> June.

) DSG(2017)M004/A010: Anna MacConnell, NDA to provide report on SME spend across the NDA estate when available. Action ongoing: This action was still outstanding noting that information was not going to be made available until after the NDA Holyrood event in Edinburgh held on 15<sup>th</sup> May 2018.

) DSG(2017)M004/A020: Anna MacConnell, NDA Socio Economic Manager to provide the NDA's yearly budget for socio economics and the spend broken down into regional areas. Requested update on 25<sup>th</sup> April 2018.

Gillian Coghill asked, in reference to the Dounreay Planning Phase 3 application, whether the issues raised regarding SEPA (DSG(2018)M001/A011) had been progressed. Stewart Ballantine responded that further meetings with Highland Council, SEPA and DSRL had been held. There are no outstanding issues from SEPA that were causing them to raise any objections with the planning application.

#### 5. DOUNREAY UPDATE

Cllr Willie Mackay noted that a number of written papers had been distributed to members in advance of the meeting including:

- ) DSG(2018)P010: Dounreay report
- ) DSG(2018)P011: SEPA report
- ) DSG(2018)P012: ONR report

He invited the following to provide updates:

NDA: Mark Raffle, NDA provided the following update:

- ) NDA funding was still being finalised for the current financial year but the value would be around £206M.
- ) The NDA have provided a response to DSG comments on the draft NDA Business Plan.
- ) The new NDA Director, Alan Cumming had visited site. During his visit he had met with Roger Saxon and Derrick Milnes and also visited the site along with other locations which had benefited from socio economic support.
- ) The NDA held an event at Holyrood to inform MSPs how much funding was being spent by the Nuclear Decommissioning Authority in Scotland with a particular focus of SME spend. A number of MSPs and stakeholders attended.
- ) Representatives from Japan Atomic Energy Agency (Tokai) visited site and were particularly interested in the Shaft and Silo.
- ) The NDA would be holding a further visit for advisors to the Japanese Government on radioactive waste management in the near future.
- ) Nucleus was officially opened by the Her Royal Highness the Princess Royal.
- ) With reference to Nucleus, an individual had been injured unloading a lorry. Simon Tucker, MD of the NDA Archive had offered to speak directly to people concerning this incident and on any other archive matters.
- ) Thelma Mackenzie asked if they employ a Health & Safety officer at Nucleus as there was so much manual handling. Mark Raffle responded that he believed that one of Restore's senior Health and Safety officers had visited to investigate but he was not sure of the exact arrangements.

Roger Saxon noted a number of Caithness representatives had attended the NDA Holyrood event and felt it was a good event and interesting to see how much does actually go into the local community through contract spending.

Roger Saxon noted that he and Derrick Milnes had met with Alan Cumming, Director of Nuclear Operations who had recently taken up this role. It was obviously early days for Mr Cumming in this post but both he and Derrick had found this initial meeting worthwhile and thanked Mark Raffle for organising it.

Roger Saxon also noted that an issue had come up at the socio economic sub group meeting in reference to DRS trial commercial freight and the Caithness Transport Forum, via Trudy Morris, had been actioned to get an update. He asked Mark Raffle if he was aware of where DRS were with their planned commercial trial which was due to be undertaken in March. Mark Raffle responded that he was not sure but would prompt DRS for an update before the main meeting.

Sandra Owsnett asked how well received the event was at Holyrood by the MSPs. Mark Raffle responded that he was not sure how many MSPs had attended but it seemed to be well received. This was the first time this had been held but it may be repeated in the future and consideration was being given to similar events at Westminster and in Wales.

Dounreay: (DSG(2018)P010 refers)

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

- ) The site's priority continued to be the exotics programme followed by the breeder removal and improved resource utilisation, noting that the underlying priority would always be safety, environmental and security.
- ) The TRIR has increased to 0.13 from 0.08 in April. An individual replacing a window cut his finger on glass that required stitches.
- ) As of today, there had been 212 days since a lost time accident.
- ) As reported previously, the breakdown of the DFR Goliath crane, used to support breeder removal, had been reported through the RIDDOR process and a level 3 investigation had been convened. A significant amount of work had been undertaken to repair and replace parts of the crane and it was expected to be back in service very soon.
- ) Also reported to the last DSG meeting an individual undertaking routine personal monitoring when exiting an area of the site detected some contamination. The individual underwent decontamination procedures by Occupational Health where the dose was assessed as low. An investigation was being undertaken.
- ) SEPA had confirmed there were no environmental non-compliances for February 2018. In January a routine weekly sample of effluent taken from a milliscreen returned a suspended solids resulting in a breach of limit. In March 2018 DSRL received a warning letter from SEPA on PFR ventilation system and steps have already been taken to address the situation.
- ) SEPA's 2016 end of year compliance assessment report was published and reported in the media. While SEPA has not yet published its scores for 2017, the vaults scoring had increased from 'poor' to 'excellent' and RSA for the site improved from 'at risk' to 'broadly compliant'. There remains more work to do and more investment has been committed during 2018/19.

- ) Two of the PFR sodium tanks have now been size reduced, removed and recycled. This work was carried out by the local supply chain.
- ) Active commissioning for the processing of PFR raffinate had been successfully completed.
- ) In D1204, the team has completed the removal process of several vessels from the medium active cell and shielding.
- ) There had been coverage in the local media about particles discovered with Americium-241. Americium-241 has always been part of the analysis of particles. The reporting on the website had changed to include Americium-241 and this was why it was picked up by the local media.
- ) The programme of voluntary redundancies continues. By the end of June, 121 volunteers will have left the organisation with a further 23 during the next 12 months. Knowledge Transfer plans were being developed and transition support for leavers was being offered.
- ) All the milestones for 2017/18 have been completed, with one exception:
  - The D1217 cell wall removal had been delayed due to challenges in removal of the final wall where asbestos had been discovered in the inaccessible areas of the wall. This was now due to be completed in October 2018.
  - The milestones for the current financial year are currently on track.

Cllr Willie Mackay thanked David Lowe for his input and invited questions from members.

- ) Cllr Willie Mackay asked, with regards to the 144 people leaving the site in the next 12 months, whether there was a confidence that the Knowledge Management process will collect their knowledge and expertise before departure. David Lowe responded that the site had gone through an extensive programme of looking at each individual that had volunteered and looked at the knowledge and skills of those individuals so that a determination could be made that the site had the appropriate depth and Suitable Qualified and Experienced Person (SQEP) to replace these individuals. The Management of Change documentation had been completed and the Transition Board was in place to evaluate that Management of Change to ensure there were robust plans for the transitioning of these people. Site Management was comfortable that the capabilities required to take the site to interim end state would be maintained.
- ) Gillian Coghill noted there had been 7 significant and 3 relevant particles detected over a period of time and asked what the difference was between them and what the hazard to health was for those living and working in the area. David Lowe responded that he did not have the exact figures but they were defined based on the caesium 137 content of a particular activity level. The number of particles detected and recovered was generally consistent with past periods. He said he would provide information relating to the different categories of particles.

DSG/SRSG(2018)M001/A001: David Lowe to provide information on the different categories of particles (minor, relevant, significant).

- ) Gillian Coghill noted that SEPA had investigated the PFR ventilation system and had also issued a final warning letter to DSRL. She asked whether the maintenance should have been on a rolling system to keep it updated at all times and therefore this would not have happened if that had been the case. David Lowe responded that the ventilation system had periodic inspections as required by the site's permits. A crack had been identified in the ventilation system but had been located in a place that was very hard to get to. The duct work was replaced but after a

short period of time a crack had developed again in the same location indicating a design flaw in the ducting system. An investigation was conducted that raised issues with the design process of how the duct work was replaced. The site has acknowledged that the proper design procedures and processes were in place.

- ) David Broughton asked if there was a problem with the shaft groundwater that required it to be upgraded and monitored. Stewart Ballantine responded that SEPA had looked at the monitoring arrangements of the groundwater and felt they were inadequate. DSRL had undertaken an internal review and had come to the same conclusion. Ongoing discussions on an appropriate monitoring regime had now been agreed and it is now a case of putting the new arrangements in place.
- ) David Broughton asked whether SEPA were happy with the monitoring arrangements of the wet silo or just on boreholes. Stewart Ballantine responded that SEPA were content that the monitoring arrangements were appropriate.
- ) Roy Blackburn queried whether the review of the decommissioning activities in the FCA as there appeared to be some opportunities and challenges identified. He asked if an example of what these were could be given and how it could impact on the programme. Dave Lowe responded that an independent team with representatives of the PBO companies had visited site for a couple of weeks to look at the decommissioning programme and approaches and they had identified a number of recommendations for improving the programme. It was a good independent review and these would be incorporated into the plan going forward. The remit of the independent team was to identify what could effectively be done to decommission the FCA in a safe and compliant manner while looking at acceleration of the programme and reducing the cost associated with this.
- ) Roger Saxon commented that he found the Dounreay report extremely helpful as for the most part it attempts to keep it at level where stakeholders can understand it. Obviously, members also appreciated Dave Lowe attending these meetings which allows clarification on issues that are not easily understandable. He thanked David for the useful report and for his follow up response to questions raised.
- ) Roger Saxon asked whether the Lifetime plan was still on track to be delivered to the NDA in July. David Lowe responded that it was and the site was currently working on this along with a PBO team who would undertake a review. He believed it would be available to the NDA in July as previously stated.
- ) Roger Saxon asked whether the lifetime plan was carried out on an annual basis but noted it could be changed incrementally throughout the year. David Lowe responded that the updated plan being worked on for submission of a Baseline Change Control (BDP) to NDA at end of July was effectively evaluating the impact of the exotic programme scope on the rest of the site programmes to achieve the interim end state.
- ) Roger Saxon commented that another shipment of fuel left the airport the other week. It might be an idea at the appropriate time that the Dounreay thanking the local community for their patience once the fuels are safely removed.
- ) Roger Saxon re-iterated that the recent media article on particles had raised the issue of an unusual particle. It appeared, however, that while the reporting had been different the actual particle had not been unusual. David Lowe responded that there had been a particle detected

in December 2016 that was not similar to the particles normally detected and removed. SEPA had requested that the particle be sent to Stirling University for further examination and they had now completed their work and returned the particle to site. DSRL had recently received proposals for micro-destructive chemical analysis of this particle and would be selecting a preferred contactor in consultation with SEPA.

- ) Roger Saxon commented that in relation to the VERs, there were fewer people than expected were leaving. David Lowe responded that the site had set a figure of up to 150 and the number of DSRL people leaving totalled 144.
- ) Roger Saxon also noted that it was pleasing to hear that site was continuing with the recruitment of engineering apprentices, graduates and business admin apprentices. He asked whether this could continue with the new lifetime plan in place. David Lowe responded that if there was a business need it may continue, however pointed out that at some point recruitment of apprentices would need to cease. David Lowe added that as the decommissioning programme continues there could be changes to the skills mix needed and new people may be recruited in those areas. This is looked at on a case by case basis.
- ) Roger Saxon noted that the SEPA consultation on draft standard conditions for radioactive substances authorisation closed on 20 June. He was aware that June Love had circulated the website link to you all and said she would be happy to provide hard copies. He asked that an action be placed for members to have a read through (either via the link or hard copy) and indicate whether they wish to respond to this and provide any points they would like to see in a response from DSG.

DSG/SRSG(2018)M001/A002: DSG members to read and provide comments to June Love on SEPA's consultation on draft standard conditions for radioactive substances authorisation.

- ) Roger Saxon also noted that the BEIS consultation on the regulation of nuclear sites in the final stages of decommissioning and clean up. He added that he would be attending a workshop on this topic on the 6<sup>th</sup> June in Edinburgh and would circulate any supplementary information he receives from that meeting to all members.

DSG/SRSG(2018)M001/A003: Roger Saxon to distribute any additional information to DSG members on the consultation of regulation of nuclear sites in the final stages of decommissioning and clean-up.

DSG/SRSG(2018)M001/A004: DSG Site Restoration sub group members to provide any comments on the consultation of the regulation of nuclear sites in the final stages of decommissioning and clean up.

- ) Sandra Owsnett asked whether the new lifetime plan would take account of the review of the FCA and the GRR workshop paper with mentioned 100 potential high level opportunities. She also whether would it include the findings of the recent peer assists in the waste area in terms of waste routes and wondered whether the site would be creating a group to look at the plans and schedules in relation to this. She asked whether the new lifetime plan would take account all of this or would it need to be updated further. David Lowe responded that the new BCP would take into account the impact of the Exotic programme and would change the contract base line. As soon as that was in place and in parallel with the approval process, the operating plan would be updated which would take into account the rebaseline of the FCA and also look at the GRR related opportunities. By way of clarity the site had initially started with 100

concept ideas and a process would continue until such times as the opportunities are consolidated. Sandra asked when this plan would be ready. David Lowe responded that it would be October timeframe before they would have the plan in place.

- ) Sandra Owsnett noted an article in the press regarding the timing of the fuels moves and queried whether movements really needed to be undertaken on a Saturday when everyone was off work or school the interaction with this type of activity causes issues. Mark Raffle responded that neither the site nor NDA could discuss details on the transportation or the timing of these.
- ) Sandra Owsnett stated that she was aware of a number of Management of Change documents being developed in relation to the VERs and that site was looking at the impact of those leaving. She questioned the timing of the documents and said she felt that these documents can at times arrive quite late within the process and are then retro fitted which appeared to her to be the wrong way around. She stated that it was good that the site has produced these and that the site had considered the impact on those who remain, however she noted her disappointment at the timing of this documentation.

Roy Blackburn commented that this implied that the process was not fully complete and yet there are a number of people already left site. He stated he would have anticipated that the process was complete and then approved by the regulator if appropriate before anyone was released from site to ensure the full impact was known and understood. Sandra noted that there was a lot of work carried out after ONR had intervened. David Lowe responded that Management of Change documents were always part of the process and were being done. Some of the Management of Change documents could not be done until the site knew who had accepted the VER. He conceded that there were things that should have been done earlier and ONR had held the site accountable for that. The site had taken this on board and continues to learn as the programme of redundancies moves forward.

David Lowe added that the vast majority of people leaving in this quarter and those MOC documents were prepared prior to a large number of people leaving and had gone through the transition board process. Roy Blackburn asked if those MOCs were for each person or one overall MOC document. David Lowe responded that these are overall documents for each directorate and was not on an individual basis. There was also a consolidated risk assessment carried out. Roy Blackburn asked whether these documents were in the category that did not require prior approval from the regulator. Iain Roger responded that ONR had raised concerns because DSRL had failed to follow their own due process and regulatory requirement with regards to organisational change. One of the key concerns raised was there had not appeared to be a Consolidated Risk Assessment of the impact of the change and this has now been developed subsequently. An action plan was now in place which DSRL are working through and ONR have reviewed the arrangement put in place to address their concerns. ONR were now in receipt of the Management of Change documentation and content with those. In addition, ONR had reviewed the Consolidated Risk Assessment produced covering the VER programme and were broadly content that this catches the concerns we would expect DSRL to identify. ONR have reviewed the working of the Transition Board that has been put in place and are content that DSRL were working in a way that would enable site management to identify and put in place any mitigation required to address issues as they arise from the implementation of the programme. In addition to this, ONR have planned a series of interventions going forward which will test various aspects of site operations which are focused primarily to assess the impact of VER on certain aspects on site operations.



- ) Roger Saxon noted that the announcement of this round of VER had taken everyone by surprise. He added that presumably in the future there will be further redundancies either voluntary or otherwise and asked whether DSRL had a feel for when this might be or what the trigger would be? David Lowe responded that DSRL had no current plan for future redundancies but stressed that they would happen at some point as the site decommissioned. At present, the site was not in a position to provide dates and it is expected that the site will remain relatively stable for the next couple of years.

There was an inevitability that there would be future redundancy programmes as the site moves forward with the decommissioning programme and re-iterated again that any job reductions would need to be considered in relation to the right skills mix as the programme changes and different skills are required. Ian Rogers noted that as part of the ONR review they did get some confidence from the fact that not everyone who applied for this round of VERs were approved especially in the key programme areas where the skills were still required. David Lowe stated that, his understanding was, that site had explained the process that had gone through and covered many of the areas that required to be covered and what ONR would have expected to have seen. However, the site did not do a good job of documenting this ahead of time. He stressed that the process was a robust one looking at people on an individual basis on the skill set they had and looked across site to ensure there was an appropriate number of SQEP'd people that would be able to fill that role as part of the process. The lesson the site learned from this was the need to document the process ahead of time.

- ) David Broughton noted NDA's response to the DSG submission for comments on the NDA draft business plan. He noted there was quite a bit of information about programmes, targets and lifetime plans but felt that after reading the response it is even more complicated and confusing to understand. Mark Raffle offered to discuss the response further with David Broughton, if desired. David Broughton added that for some time now he had had difficulty understanding what the programme at Dounreay was and after a quick read of NDA's response before this meeting he asked whether information could be provided in a simple bar chart of some of the key projects, indicative dates for delivery. Roger Saxon noted that the NDA business plan had provided 2 or 3 milestones for Dounreay but did not provide much detail. David Lowe said he would provide information in time for the next sub group meeting in July.

DSG/SRSG(2018)M001/A005: David Lowe to provide a simple bar chart of key projects with indicative delivery dates.

SEPA: (DSG(2018)P011 refers).

Stewart Ballantine, SEPA provided the following report

- ) SEPA issued DSRL with a Final Warning Letter.
- ) SEPA noted that there was an error in the report under the Low Level Radioactive Waste Facility. SEPA had indicated that they expected some work from DSRL this month but this was no longer the case following a discussion today. In addition to the grouting issue SEPA also asked DSRL to review all disposals to the Low Level Waste Facility. This came about because DSRL could not provide a solution to one issue without being able to confirm there were no other similarly related issues that also require to be addressed. It had therefore been agreed that this date could be deferred while DSRL looked at other containers in the vault to make sure they were in line with the requirements the RSA authorisation. At the appropriate time a full report to SEPA would be submitted covering all aspects of this.

Sandra Owsnett asked what the new deadline was to deliver this piece of work. Stewart Ballantine responded that SEPA were not holding Dounreay to a date as the work should be done fully and safely. The intention was to have this work complete during this financial year.

- ) In relation to the habitat survey, Stewart Ballantine noted they would ask for an update and provide to DSG members.

DSG/SRSG(2018)M001/A006: Stewart Ballantine to provide an update on SEPA's Habitat Survey

- ) Roger Saxon noted that SEPA indicated the 2017 compliance assessment shows much improvement at Dounreay. He asked when this report would be made available yet on the website. Stewart Ballantine responded that the compliance assessment would be published and this was likely to be towards the end of 2018.
- ) Roger Saxon asked whether SEPA was satisfied in relation to the final warning letter that site was taking this seriously. Stewart Ballantine responded they are satisfied that the PFR inspection work was progressing and while he noted that SEPA had raised issues around the ventilation systems in the past he believed the site was actively working on this to make the necessary improvements.
- ) Sandra Owsnett noted that there was an issue identified at Vulcan in the ventilation system and asked whether the release was a non-compliance. Cdr Ken Dyke responded that there had not been a release. There had been an imbalance in the air flows going through certain compartments all within the active areas but there was not a movement of air outside of those the active areas. Basically, it was just the way the air was moving between a couple of active areas. The elements had been rebalanced to ensure the inflow was at the level required. While Vulcan did formally report this to SEPA they did so after the investigation was complete.

ONR: (DSG(2018)P001 refers). Ian Rogers, ONR reported:

- ) Over the last quarter there had been a higher than normal number of compliance inspections in relation to reactors and to assess the site's strategy for active waste management as well as the decommissioning strategy for the Exotic materials.
- ) An enforcement letter has been issued to Dounreay during this period on the concern on progress with the identification and assessment of computer based systems which were important to safety and this was currently being investigated by ONR, Civil Nuclear Security and DSRL. A workshop had been held with DSRL and ONR Cyber specialists who are content that a way forward had been identified.

ClIr Willie Mackay thanked Ian Rogers for his input and invited questions from members. There were no issues raised.

- ) Roy Blackburn noted that ONR has been increasing their engagement activities. Ian Rogers responded that ONR were providing more frequent engagement opportunities and acknowledged DSG's engagement with ONR in this forum. However, ONR felt there were other opportunities to engage to find out what activities were going on and ONR would welcome feedback.

DSG/SRSG(2018)M001/A007: DSG members to consider whether additional engagement with ONR would be useful.

- ) Cdr Ken Dyke commented that additional engagement with ONR on the new regulations and how this would be established and the impacts for site would be beneficial. Ian Rogers commented that there was a consultation exercise in place at this time to cover this and therefore further information would be forthcoming.

CNC: Pat Green reported that CNC:

- ) Continued to work with the site security team to support the fuels project which is continually evolving.
- ) Continues to work with Police Scotland and attend briefings. CNC had been invited to spend the day with the Area Chief Inspector in Inverness to explore how the two organisations could work together.
- ) Project Servator had been launched on site and was now looking at how this could be taken forward working with Police Scotland and the servator team in the Strathclyde area.
- ) CNC had been invited to the Women's Network and were involved with the EDI programme, CNC had started their own group within the department at Dounreay with links into the CNC wider programme.
- ) Airwave radio handsets have been secured to support the fire and guard service. These were tested at the annual site emergency exercise which had gone well.
- ) Alan Cumming, NDA Director had been given a tour of the CNC facilities and capabilities and these had been received positively.
- ) Response model testing had taken place on site and this has helped with response and command control process. There has been a good uptake by officers as they can do training on their own site.
- ) CNC participated in a visit from Highland & Island Airport and fire service with all the various Highland areas coming together at Dounreay for a hosted a visit.
- ) One new officer recently started on the site is a local resident. It is hoped by September that there will be another couple of officers on board but at this point they were still undergoing training.
- ) PC Andy Cambridge will continue to be the Community Engagement Officer, his duties will be split but he will spend a couple of days on community engagement and Project Servator.
- ) Continue to work with the MOD on Project Concert looking at the different areas where CNC and MOD policy can work together.

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

- ) Sandra Owsnett asked if the Airwave sets received for the fire service and guard service were permanent. Pat Green responded that this was the case, they would not be on the police channel but they worked on a secure network.
- ) Sandra Owsnett asked regarding to Project Servator had there been any interactions with the wider community or was this still being rolled out. Pat Green responded that it was still being rolled out to the community in small amounts, albeit that they have done a little work within Reay.
- ) Sandra Owsnett asked how recruitment was progressing. Pat Green responded that recruitment was ongoing and they hoped to attend a recruitment fare in Inverness in June. From attendance at a recruitment event, to application stage, to interviews, to security vetting can take a considerable amount of time. Roger Saxon asked whether they lost some applicants because of the long period that recruitment may take. Pat Green responded that there was been occasions but this was one part of the mix if applicants decide to withdraw. Withdrawal of an application could be based on many things.
- ) Thelma Mackenzie asked whether CNC have retained recruits following their 2 year probation period. Pat Green responded that they have done well in that retention and two years ago they had held a local passing out parade for all the recruits who had passed their probation and were staying at Dounreay.
- ) Gillian Coghill wanted to record her thanks to Andy Cambridge for attending the Buldoo Residents meetings.
- ) Gillian Coghill asked if they were involved with the schools careers days. Pat Green responded that they had attended an event at Dornoch Academy, Wick and they have also attended an event held by NHC where an officer took part in mock interviews.
- ) Thelma Mackenzie asked if they had thought about going to Farr and Kinlochbervie High School to recruit. Pat Green responded that it would be something they could look at.

As there were no further questions relating to the Dounreay activities, Cllr Willie Mackay thanked everyone for their input.

#### 6. VULCAN

Cllr Willie Mackay noted that Vulcan had certainly in the spotlight at the last public meeting. He was assuming MOD was completely aware of DSG's unhappiness of not being involved in the options at an early stage. However, he added that we are where we are and will wait with interest to hear about the options in January 2019.

Cllr Willie Mackay noted the following written updates which had been provided:

- ) DSG(2018)P013: Vulcan update
- ) DSG(2018)P014: Rolls Royce update
- ) DSG(2017)P016: ONR report

Cdr Ken Dyke highlighted the following:

- ) There had been no lost time accidents, injuries or RIDDOR reportable incidents in 2018 to date.

- ) Radioactive Waste disposal was fairly minimal in the levels shown against the annual percentages.
- ) On the Shore Test Facility, work was ongoing towards the completion of the defueling of the reactor.
- ) Full inspection and audit programme. DNSR visited site frequently to undertake inspections and audits and this was against themes of compliance with one this week on the Dounreay Submarine Prototype 1 building for lifting operations. There would then be a certification audit by BV carried and the annual safety demonstration Lonestar 18 would take place in June, overseen by DNSR and ONR.
- ) Vulcan held an annual review of safety with the head of DNSR in August.
- ) Vulcan Defuel and Decommissioning Programme (VDAD) were continuing the defueling operations currently and the fuel management activities would continue on site until 2022. They were currently working up the options of decommissioning of the site after the 2022 and an update would be available in January 2019.
- ) MOD had a number of houses in Thurso which were now surplus to requirements and were being made available on an online auction site for purchase. He said he would send through the information on this.

DSG/SRSG(2018)M001/A007: Cdr Ken Dyke to provide information on the surplus housing due to be auctioned shortly.

Cllr Willie Mackay thanked Cdr Ken Dyke for his input and invited questions from members.

- ) Roger Saxon asked if there was an update on the boiler explosion investigation. Cdr Ken Dyke responded that as he reported at the last meeting there was an understanding of why this happened and was now about commercial liabilities and was therefore unable to provide more information.

The Rolls Royce report (DSG(2018)P014) was considered and questions raised below.

- ) David Broughton asked whether the rebuilding of pumps was some of the engineering work still ongoing at Vulcan. Cdr Ken Dyke responded and confirmed this was the case and falls under the demands and requirements of the overall MoD UK submarine programme.
- ) Sandra Owsnett asked if it was Rolls Royce that provided resources to the site to do the fuel management. Cdr Ken Dyke responded that the MOD had a small group of 10 on site led by Wendy Newton and Rolls Royce has around 264 people conducting the work on the site, a number of sub-contractors and the ministry of defence police.
- ) Sandra Owsnett asked if there would be a Rolls Royce representative who would provide an update on any recruitment and redundancies. Bob Earnshaw responded that Rolls Royce had previously indicated they would not attend DSG meetings and the compromise was that they provide a written update. Cdr Ken Dyke commented that there was a difference in the reporting from Dounreay and Vulcan and the DSG Terms of Reference made this clear as to why there

was a disparity in the levels of reporting.

- ) Roger Saxon noted that it was inevitable that the Dounreay apprentice scheme would come to an end at some point and asked whether Rolls Royce had any indications of whether they would be continuing to recruit apprentices and for how much longer. However, reading through the paper and noting there are 16 apprentices going through the Rolls Royce scheme at the moment he stated he would also like to try to understand when Rolls Royce will need to consider when their recruitment will cease in this area. Cdr Ken Dyke responded that this would need to be answered by Rolls Royce.

DSG/SRSG(2018)M001/A008: 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.

The ONR update (DSG(2018)P016 refers) was considered and questions raised below.

- ) Roger Saxon noted the comment on off-site emergency planning and prior information and asked if there was any more information on what this all means. Cdr Ken Dyke responded that Vulcan has to submit a hazard identification risk evaluation and a report of the assessment on what MOD think the boundaries should be. With the shutdown of the reactor in 2015 the hazards were very different to what they were when the site included a fully operational reactor. The assessment took account of this and ONR agree with the assessment and that will affect the off-site plan and that is going through due process with ONR, DSRL and Highland Council.

## 7. CORRESPONDENCE

Cllr Willie Mackay noted that most of the correspondence which had been received since the last DSG meeting has been discussed. The following correspondence was noted:

- ) DSG(2018)C016: Scottish Government Scottish Nuclear sites meeting summary. Points from this meeting included:
- Updates on a Euratom and assurance that it would be included in the Brexit implementation phase.
  - SEPA had provided a written update on the new standard conditions consultation. New permits would be based on standard conditions. Stewart Ballantine commented that there will be a number of standard requirements that will be common across all sites but there will occasionally be bespoke conditions where appropriate.
  - A detailed presentation on Hunterston sludge by a graduate.
  - A SEPA update regarding sector plans on whiskey industry, landfill and metals. Nuclear will be coming soon.
  - Site reports were also provided and Steve Beckitt, DSRL highlighted a few items including the demolition of DMTR buildings and how the control room now housed in Caithness Horizons would soon be the only part of this facility left.

Sandra Owsnett asked what these sector plans were. Stewart Ballantine responded that there were examples of plans being already done on the SEPA website. It was about looking at opportunities across an industry as a whole to go beyond compliance and do things better and address any barriers where possible from regulation.

DSG/SRSG(2018)M001/A009: Stewart Ballantine to provide a link to the SEPA sector plan consultations.

) Roger Saxon also noted that he and Derrick Milnes had meet with The Highland Council Leader, Margaret Davidson and Stuart Black and discussions included DSG's disquiet around Vulcan's lack of consultation.

Sandra Owsnett asked what SCCORS was? Mark Raffle responded that it stood for Scottish Council Committee on radioactive substances.

) DSG(2018)C017: ONR enforcement management model

) Ian Rogers noted that ONR was part of the HSE and followed the HSE enforcement management model. When they became ONR in their own right they changed the HSE enforcement management model and developed their own enforcement management model which better represents and aligns to ONR's enforcement policy statement. Cllr Willie Mackay asked if there are any implications for the site that will need to be communicated at some point. David Lowe responded that he would find out.

DSG/SRSG(2018)M001/A010: David Lowe to find out if there are any implications for Dounreay with the change of ONR's enforcement management model.

) David Broughton asked it this would lead to implications for engineering contractors who may work on or off nuclear sites and would need to change their thinking between nuclear and non-nuclear. Ian Rogers responded this would only apply if enforcements action was appropriate. On the ground no difference should be seen.

## 8. ANY OTHER BUSINESS

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

) David Broughton wanted to comment that the secretary puts out excellent minutes, they are very accurate.

) Roger Saxon provided an update from the Socio Economic Sub Group which had been changed to the 8<sup>th</sup> May as the original date clashed with the NDA Holyrood event.

- A number of issues had been raised and agreed that clarity would be sought from NDA regarding the NDA socio economic funding.
- There had also been comment on timely response to NDA outstanding actions.
- DSRL had provided a copy of the Dounreay Socio Economic plan which is still draft until such times as the NDA approve it.

- DSRL also provided a copy of the annual review of socio economic activities for 2017/18 and noted that the sub group had been impressed at the extent of activities undertaken during the year by a very small team of people. The one issue that was raised here was how some of this excellent work is reported locally.
- A request for a CNSRP presentation at the next DSG public meeting had been made and June Love was currently co-ordinating this.

) Roger Saxon noted that the sub group meetings scheduled for 11<sup>th</sup> July now clashed with the NDA Stakeholder summit and therefore the sub group dates would need to be rescheduled. Roger Saxon and Derrick Milnes would be attending the NDA stakeholder summit on behalf of DSG. An alternative date for the July sub group would be identified shortly.

9. 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  
6<sup>th</sup> June 2018



## ACTIONS ARISING FROM THIS MEETING

DSG/SRSG(2018)M001/A001: David Lowe to provide information on the different categories of particles (minor, relevant, significant).

DSG/SRSG(2018)M001/A002: DSG members to read and provide comments to June Love on SEPA's consultation on draft standard conditions for radioactive substances authorisation.

DSG/SRSG(2018)M001/A003: Roger Saxon to distribute any additional information to DSG members on the consultation of regulation of nuclear sites in the final stages of decommissioning and clean-up.

DSG/SRSG(2018)M001/A004: DSG Site Restoration sub group members to provide any comments on the consultation of the regulation of nuclear sites in the final stages of decommissioning and clean up.

DSG/SRSG(2018)M001/A005: David Lowe to provide a simple bar chart of key projects with indicative delivery dates.

DSG/SRSG(2018)M001/A006: Stewart Ballantine to provide an update on SEPA's Habitat Survey

DSG/SRSG(2018)M001/A007: DSG members to consider whether additional engagement with ONR would be useful.

DSG/SRSG(2018)M001/A007: Cdr Ken Dyke to provide information on the surplus housing due to be auctioned shortly.

DSG/SRSG(2018)M001/A008: 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.

DSG/SRSG(2018)M001/A009: Stewart Ballantine to provide a link to the SEPA sector plan consultations.

DSG/SRSG(2018)M001/A010: David Lowe to find out if there are any implications for Dounreay with the change of ONR's enforcement management model.