

DOUNREAY STAKEHOLDER GROUP
DSG SITE RESTORATION SUB GROUP

DSG/SRSG(2018)M004

Minutes of the DSG Site Restoration sub group meeting held on Wednesday 31st January 2018 at 1900 hrs in the Pentland Hotel (Georgina suite), Thurso.

Present:	David Flear	DSG honorary member, Acting sub group chair
	Alastair MacDonald	DSG honorary member
	Andrew Taylor	SGRPID
	Gillian Coghill	Buldoos Residents Group Independent Chair
	Thelma MacKenzie	Thurso Community Council
	Cllr Willie Mackay	Highland Council
	Sandra Owsnett	Dounreay Unions
	David Broughton	Co-opted member of public
	Roy Blackburn	Co-opted member of public
	Roger Saxon	DSG Chairman (attended part of meeting)
In addition:	Dawn Clasper	DSG Minute Secretary
	June Love	Dounreay Community Relations Manager
	Mark Raffle	NDA Programme Manager
	David Lowe	Deputy Managing Director, Dounreay
	Cdr Ken Dyke	MOD Vulcan
	Danny Gregory	ONR (Dounreay)
	James Bryson	DNSR (Vulcan)
	Pat Green	CNC

MINUTES

1. WELCOME AND INTRODUCTIONS

David Flear welcomed everyone to the meeting. He stated he would be chairing the meeting on behalf of Bob Earnshaw DSG Site Restoration sub group chairman who was not available.

David welcomed Sandra Owsnett to her first meeting having taken over the role from John Deighan, representing the Dounreay Unions. It was noted that John Deighan had announced his retirement at the Dounreay DSG. It was agreed that a letter to John thanking him for his time and commitment since the inception of DSG in 2005 was written.

Before moving on, David announced the sad news that Dyan Foss, a former Dounreay Deputy MD, had passed away suddenly and given Dyan's commitment to DSG when she was at Dounreay he felt it would be appropriate to send a letter of condolence from DSG.

DSG/SRSG(2018)M004/A001: June Love to write to Dyan Foss's family expressing our condolences.

DSG/SRSG(2018)M004/A002: June Love to write to John Deighan thanking him for his time on DSG.

2. APOLOGIES

Apologies were received from:

)	Bob Earnshaw	DSG Site Restoration sub group chairman
)	Mike Flavell	Health Service
)	Roger Saxon	DSG Chairman
)	George MacDougal	Caithness West Community Council
)	Stewart Ballantine	SEPA
)	Jimmy Thomson	ONR (Vulcan)
)	Wendy Newton	MOD, Vulcan Decommissioning Project

3. MINUTES OF LAST MEETING

David Flear noted that the minutes – DSG/SRSG(2017)M003 – 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.

David Broughton commented on an action (DSG/SRSG(2017)M003/A003) as he was unable to find this in the list of actions. June Love responded that this had been updated to the main actions DSG(2017)M004/A006 and this has been closed out as a response had been provided. Danny Gregory responded that ONR did not keep this type of information but should be held by the Safety Assessment Federation (SaFed).

DSG/SRSG(2018)M004/A003: June Love to write to The Safety Assessment Federation (SaFed) regarding the Vulcan boiler incident.

4. ACTIONS

David Flear noted that the status of actions had been circulated to members in advance of the meeting. The majority of actions were now complete.

) DSG(2017)M004/A003: Lt Cdr Ian Walker to provide DSG Secretariat with a timeline for the conclusion of the boiler explosion investigation.

Cdr Ken Dyke advised they had now received the technical report which concluded that dirty fuel had resulted in a valve remaining open allow the fuel in the boil box which then ignited.

) DSG(2016)M003/A016: Wendy Newton to liaise with June Love to agree appropriate sub group meetings to provide update on the future options of the site.

David Flear noted that this action had been ongoing for some time now and asked for an update before the public meeting in March. Cdr Ken Dyke responded that he would ask Wendy Newton to provide the information.

David Flear noted the recent discussion at DSG regarding Georgemas facility which had resulted in an action for the chair to write to HiTrans for clarification. Roger Saxon had written to Frank Roach of HiTrans asking for clarification. Correspondence DSG(2017)C040, C042 and DSG(2018)C002 relate to this. The information provided by Frank Roach has also been passed to the Caithness Transport Forum.

June Love noted that Frank Roach was hoping to attend the next Transport Forum meeting depending on availability and if that date was not suitable there may be an approach for him to attend the March DSG public meeting.

David Flear noted that all other ongoing actions were related to the socio economic sub group and had been discussed this afternoon.

5. DOUNREAY UPDATE

David Flear noted that a number of written papers had been distributed to members in advance of the meeting including:

-) DSG(2018)P002: Dounreay report
-) DSG(2018)P003: SEPA report
-) DSG(2018)P001: ONR report (Oct to December 2017)

He invited the following to provide updates:

NDA: Mark Raffle, NDA provided the following update:

-) NDA had secured additional funding of £30M for financial year 2018/19. It was expected that in the following year the budget would revert back to around £176M.
-) On the site's Baseline programme (lifetime plan) the fuels project had been prioritised and therefore there had been an impact to the baseline programme and NDA was currently looking at the changes proposed. NDA is looking at this again and are hopeful that formal submission of the final baseline programme will be approved around October 2018.
-) The NDA consultation on the draft Business Plan was due to close on the 3rd February 2018.
-) David Batters would be visiting site accompanied by Kate Ellis, NDA Commercial Director. This would be David Batters last visit to site as the NDA Director responsible for Dounreay.

David Flear thanked Mark Raffle for his input and invited questions from members. There were no questions for Mark Raffle

June Love noted that the collated comments on the NDA Business Plan response had been finalised and would be submitted to NDA on 1st February 2018. She said she would share the final version with all DSG members.

DSG/SRSG(2018)M004/A004: June Love to circulate the final version of DSG response to NDA draft business plan to DSG members.

Dounreay: (DSG(2018)P002 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, noting that the underlying priority would always be safety, environmental and security.
-) The TRIR showed an improvement and was currently at 0.08. The site has gone over 100 days without a loss time accident.
-) A RIDDOR (Dangerous Occurrence) had been reported to regulators concerning the use of the DFR Goliath crane which is used to move the element transfer flask (ETF). While carrying out transfer operations a loud noise was heard. The crane was stopped immediately and the ETF was moved onto its discharge port to make safe. A level 3 investigation has been convened and

was reported to the regulators.

-) SEPA had confirmed several minor environmental non-compliances relating to ventilation systems in D1215 Fan space extract failure, corrosion with two of the PFR fans, D1203 duct corrosion and PFR Fan 6 replacement ductwork.
-) Following an AFNOR Audit last year, Dounreay has now received its certificate of registration demonstrating compliance with ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007 standard.
-) The onsite testing of the 4th reactor dismantling tool has been successfully trialled this financial year and was now complete.
-) A store behind PFR, known as DN026 had now been de-clad, and the frame structure would be dismantled later.
-) The D1204 team had safely removed four slab tanks and two vessels from the medium active cell. This was a milestone which was achieved on schedule.
-) D1211 Active containment had been installed which allows the project to move to the next phase of decommissioning.
-) PFR raffinate had been transferred to DCP and active commissioning is in progress. Active commissioning is due to complete in mid-February.
-) The Phase 3 planning application was being processed and the Highland Council was reviewing the statutory consultation responses. The application was on schedule and it was expected that the Highland Council would issue a decision on 23rd April 2018.
-) A survey of all site ventilation stacks using a drone had been completed successfully. This output of this would be included in the site ventilation enhanced maintenance program. The site was now looking at further use of the drone.
-) The LINC programme was continuing with the second opportunity published in November. This had resulted in 7 submissions from the registered companies. These submissions were currently being reviewed by the project team.
-) A number of major procurements were presently in progress. The formal process for the decommissioning services framework valued at £400M (over a 10 year period) had commenced with the OJEU notice issues just before Christmas. This would provide the right supply chain expertise and support to support the next phase of decommissioning. The framework contract is due to be awarded around autumn 2018.
-) The programme of voluntary redundancies was now underway. A small number of employees had left in the period up to 31 December 2017. The bulk of staff would be leaving during the period April to June 2018, with a smaller number of people expected to leave during the rest of the financial year. Knowledge Transfer plans were being developed and transition support for leavers was being offered.

-) Recruitment was now underway for the 2018 intake of apprenticeships. Advertisements had been published in local papers and other media. Graduate recruitment would be advertised shortly.
-) A number of milestones have been completed, including:
 - The D1251 demolition which was completed in December.
 - The PFR raffinates scheduled for January would now be complete by mid-February.
 - The D1217 cell wall removal had been delayed due to challenges in removal of the final wall waste packages where asbestos had been discovered in the inaccessible areas of the wall.

David Flear thanked David Lowe for his input and invited questions from members.

-) David Flear asked what the current timescale of the removal of fuels was expected to be. Mark Raffle responded that this remained to be complete around mid to late 2020's.
-) David Broughton asked what AFNOR stood for. David Lowe responded that it was the name of the organisation that was the independent certifying organisation that carries out these types of audits throughout the UK. *[Secretary's note: Association Française de Normalisation is the French national organization for standardization and its International Organization for Standardization member body. The AFNOR Group develops its international standardization activities, information provision, certification and training through a network of key partners in The link to the AFNOR UK is here for info: <http://www.afnor.co.uk/uk/>].*
-) David Broughton asked whether there were any radiological implications around the PFR sample that got stuck. David Lowe responded that there had been no loss of containment.
-) David Broughton noted the Shaft and Silo work and asked how the design and build contract was progressing. David Lowe responded that in the last quarter the project team had carried out a readiness review to restart the project. Design activities continuing and part of the project that have been continuing and looking at restarting the project and staffing and starting it this fiscal year.
-) June Love noted that early engagement around the GRR (Guidance for Regulatory Revocation) which was looking at the potential for in situ disposal had commenced with initial discussions with NDA and all Site Licence companies.
-) David Broughton noted the decommissioning services framework contract and stated that these were the types of contracts that had been criticised citing the example of Carillion. He noted the estimate cost of the framework contract was around £400M and suggested that this could have the same implications. David Lowe responded that the framework contracts would be for a period of 4 + 2 + 1 and obvious risk mitigations would be put in place.
-) Roy Blackburn noted that SEPA appeared to have some issues around ventilation and there had been a few references with regards corrosion and fans. He noted that there had been earlier mention of an enhanced maintenance programme and asked whether there was significant issues with ventilation and corrosion on site. David Lowe responded that as a result of the finds the site was in the process of looking at all of the environmental system with regards liquid and gaseous systems and ensuring the integrity of these. Consideration will be given to installing better ventilation but it was pointed out that most of these issues were because of the age of the systems. In some cases, it was difficult to inspect the ducts and these inspections are being reviewed to see if there was anything further that could be done.

SEPA: (DSG(2018)P003 refers).

David Flear noted that SEPA had provided a written update and that Stewart Ballantine had tendered his apologies for this meeting. Stewart had indicated that he would be happy to respond to any questions via e-correspondence if required.

Gillian Coghill noted the comment in the report regarding the Low Level Radioactive Waste Facility where there had been issues around the HHISO containers. She asked what the implications of this were on the stability of the vault.

DSG/SRSG(2018)M004/A005: June Love to write to Stewart Ballantine, SEPA re clarification on the low level radioactive waste facility.

David Broughton noted that the written report had mentioned “The Dounreay Plan” and asked if this was the same as the Lifetime Plan. David Lowe responded that The Dounreay Plan was an improvement plan which captured all ongoing actions from a number of areas. He reminded members of the Dounreay Improvement Team (DIT) and how their work had been subsumed into this overall document which was now owned by the Chief Nuclear Officer.

David Broughton noted that SEPA and DSRL had met to discuss the introduction of Standard Conditions and asked whether these were new conditions. [Secretary’s note: Following meeting DSG Secretariat received clarification from SEPA. This relates to a move to simplifying authorisations with standard requirements (falls out the Better Regulation work) that apply across all sites being dealt with via ‘standard conditions’.] David Lowe also added that DSRL was continued to develop standardised reporting which is associated with the authorisation.

David Flear noted that the report had also referred to the Dounreay Planning phase 3 application and asked for clarification on the concerns raised by SEPA.

DSG/SRSG(2018)M004/A006: June Love to write to Stewart Ballantine to ask for clarification on issues raised with The Highland Council relating to the Dounreay Planning Phase 3 application.

ONR: (DSG(2018)P001 refers). Danny Gregory, ONR reported:

-) There had been a slight delay on the commissioning process for PFR raffinate processing however the site had done the correct thing by stopping work when they had encountered an issue. ONR saw this as a positive thing.
-) While maintenance itself did not appear to be an issue the maintenance records were lacking and ONR had stressed the importance of keeping records associated with maintenance.
-) ONR were being kept up to date with the voluntary redundancy programme to ensure that adequate arrangements were in place to manage the safety impact of the changes to the licensee’s resources. ONR had judged that the licensee had a systematic process for managing the effects of this programme, with a safety and environment overview report providing an analysis of the cumulative impact of the organisational changes. A Transition Team being set up to provide oversight. However, in this instance, ONR felt that the process had not been initiated early enough to inform the programme of changes and was being used to manage its consequences. ONR had requested the licensee to develop a contingency plan to mitigate any adverse effects that may be identified.

David Flear thanked Danny Gregory for his input and invited questions from members. There were no issues raised.

CNC: Pat Green reported that CNC:

-) continued to work with the site security team to make sure they support the fuels project which is continually evolving as the site continues their program.
-) had been participating in recruitment fairs in Caithness Horizons, Inverness and had upcoming event in Dornoch and Wick High School. This was not just recruitment for Dounreay but for all nuclear sites.
-) in conjunction with Police Scotland were looking to see how they could collaborate with Rural Watch in the local community and had been in contact with the local Wildlife officer.
-) assisted Police Scotland by providing search officers for searches of properties in relation of crime.
-) were supporting Police Scotland in traffic calming initiatives. Police Scotland were planning a survey involving the Road Traffic Unit in relation to speeding cars in the Dounreay/Vulcan area.
-) were continuing to work with the Force Incident Manager who would be visiting from HQ to work with the site controllers and shift managers to help them understand what CNC were looking for and why certain information in any kind of incident was required.
-) had hosted a few visits including Paul Fyfe, ONR Deputy Chief Inspector and Divisional Director, Vinnie Reid, Inspector Vulcan MOD, and Lord Thurso in his role of Lord Lieutenant. All were given a tour of the CNC facilities and capabilities and these had been received positively.
-) Management Team would be visiting the Police Scotland Command Control Room in Dundee to advise of their capabilities and how they could be of assistance. This would be managed under the Command and Control Process as the primary role for CNC was protecting the security of the site.
-) were also participating in a site visit from pupils, involving Thurso, Farr and Wick high schools.

David Flear thanked Pat Green for his input and invited questions from members.

-) June Love asked if they had thought of joining with Jobs and How To Get Them even and DYW. June love said she would send details to Martin Sinclair and while it was too late for this year it might be something to consider for 2019 if recruitment activity was continuing.

DSG/SRSG(2018)M004/A007: June Love to provide details of DYW and Jobs and How To Get Them to Martin Sinclair and Pat Green.

-) David Flear noted a comment regarding speeding and believed that the tolerance level was 10%. Pat Green responded that this related to England and Wales.
-) Thelma MacKenzie noted that there were discussions about the potential to amalgamate the CNC, MOD, and British Transport Police. Pat Green responded that this is referred to as

Infrastructure Policing and had been looked at over the last 3 years. It was something that the Government were keen to explore. CNC were part of the strategic armed Policing reserves for the UK and for the infrastructure and UK Government wanted to see a blend of policing. However, this was a decision which would be made by Parliament.

-) David Broughton noted that when there had been a major incident exercise personnel from the site would be sent to Inverness as part of the control centre and asked would this now be taking place in Dundee. Pat Green responded that the day to day operations would be run from Dundee and the police would take control of the incident from Dundee. In the case of Dounreay the plans had not changed. June Love noted that the Police Scotland and the local authority took primacy if Dounreay had an emergency.
-) James Bryson asked if the Gold Command would be located in Dundee or Inverness. Pat Green responded that this would depend on the size of the incident. For a strategic command, this was managed in the central belt but all control rooms could feed into each other and managed centrally in the Strathclyde area. For an incident that happened at Dounreay it would still be the CNC Command and Control and then as it progressed other agencies would become involved.

As there were no further questions relating to the Dounreay activities, David Flear thanked everyone for their input.

6. VULCAN

David Flear noted three written reports had been received prior to the meeting.

-) DSG(2018)P007: Vulcan update
-) DSG(2018)P006: Rolls Royce update
-) DSG(2017)P008: DNSR report

DNSR: (DSG(2018)P008 refers). James Bryson highlighted the following:

-) DNSR had carried out one visit to further understand the plans going forward.
-) A Level 1 Emergency Exercise had taken place and had been deemed an adequate test of Vulcan emergency arrangements and the response demonstrated by the duty holders' ability to cope with such an event. The Authorisee had demonstrated a very adequate response.
-) DNSR received the DSMP1 Fuel Removal Safety Justification Plans Version 2 that will evolve as forward planning continues.

David Flear thanked James Bryson for his input and invited questions from members. There were no questions for DNSR.

David Flear noted that members were aware of the correspondence that had received from MOD regarding community consultation on the future options for the Vulcan site. He noted there would be further discussions later in the meeting.

Vulcan: (DSG(2018)P007 refers). Cdr Ken Dyke highlighted the following:

-) As previously reported, the investigation on the boiler explosion had now completed.

-) There had been two lost time accidents. On 5th October 201 a person damaged a finger while near a mobile elevated working platform and on 1st November 2017 a person damaged their knee when descending from a hop-up platform.
-) Hugh Fern, Site Inspector SEPA and Dr Paul Dale Head of SEPA's Radioactive Substances Policy and Nuclear Regulation Unit had visited at the beginning of the year and were given a tour of the site.
-) Radioactive Waste disposal was fairly minimal in the levels shown against the annual percentages.
-) On the Shore Test Facility Programme work was ongoing towards the completion of the defuelling of the shore test facility reactor.

David Flear asked if there was an update on the timeline associated with the removal of fuels. Commander Ken Dyke responded the removal of fuels continued to be on track with the previous 2016 brief which had intimated there was 12 movements in 6 years.

-) A number of inspections and audits were planned for the next 6 months.
-) Vulcan Defuel and Decommissioning Project (VDAD) were in the phase of dealing with the defueling and the assessments of options for decommissioning the site sometime after 2022. Ken Dyke noted that the outstanding action assigned to Wendy Newton.

June Love noted that Vulcan had a new ONR representative, Dr Jimmy Thomson.

-) The iodine tablets distributed to the residents, as part of the detailed emergency planning zone, would be withdrawn shortly. Permission has been sought and approved by ONR to withdraw these. Letters would be sent out to the local community advising them that the tablets were being withdrawn and providing various locations for them to return the tablets.

David Flear thanked Cdr Ken Dyke for his input and invited questions from members.

-) David Broughton noted that the March inspection mentioned an intervention plan and asked if this was an intervention in relation to an accident. James Bryson responded that this was set against a 3-year intervention strategy and an annual intervention plan had been developed to allow everyone involved to sit down and agree what inspections or themes of inspections with the authorisee during the defuelling campaign the regulators would be focusing on. The theme at present was for the management of fuel and safety on the site.

The Rolls Royce (DSG(2018)P006) update was tabled with no questions raised.

7. CORRESPONDENCE

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

-) DSG(2017)C040: DSR update on commercial freight
-) DSG(2017)C042: Clarification of Georgemas facility for non-nuclear freight
-) DSG(2017)C043: MOD consultation on future of Vulcan Site Response to C037.
-) DSG(2018)C001: SG Monthly Update January 2018

) DSG(2018)C002: DSR and suitability of Geogemas for commercial freight response to C042

Davis Flear also thanked DSG members who had provided comments/views on the NDA draft business plan. A letter had been signed off by the chairman and would be submitted to the NDA tomorrow.

8. ANY OTHER BUSINESS

David Flear asked members to hold any thoughts on the MOD response to DSG's letter regarding the future options for the Vulcan site.

Before opening to the members, David Flear noted the following:

-) The Annual General Meeting would be held on the 14th March 2018. Members were asked to consider whether they could be in a position to take up one of the official office bearers posts. It was noted that Roger Saxon has indicated he would be happy to stay on and Derrick Milnes had also indicated his willingness to remain as vice-chairman. Bob Earnshaw had confirmed that he wished to step down from the role of Site Restoration sub group chairman.
-) Roger Saxon and Bob Earnshaw will be attending the SSG Chair's forum in London on 14th February. June Love to circulate the agenda if you wish to make any comments please contact June.

DSG/SRSG(2018)M004/A008: June Love to circulate the agenda for the SSG Chair's Forum.

David Flear then invited members to raise anything further. Since there was nothing raised, David Flear thanked those observers who had attended the meeting and noted that, at the request of the DSG Chairman, they could stand down while all DSG members were asked to remain behind for a further discussion.

Roger Saxon, DSG Chairman arrived at the meeting following attendance at an existing commitment. DSG members discussed the MOD response, noting their disappointment in the response and agreeing that further information would be requested.

9. CLOSE

There being no further business, David Flear thanked everyone for their input and formally closed the meeting.

David Flear
Acting DSG Site Restoration sub group chairman
12 February 2018

ACTIONS ARISING FROM THIS MEETING

DSG/SRSG(2018)M004/A001: June Love to write to Dyan Foss's family expressing our condolences.

DSG/SRSG(2018)M004/A002: June Love to write to John Deighan thanking him for his time on DSG.

DSG/SRSG(2018)M004/A003: June Love to write to The Safety Assessment Federation (SaFed) regarding the Vulcan boiler incident.

DSG/SRSG(2018)M004/A004: June Love to circulate the final version of DSG response to NDA draft business plan to DSG members.

DSG/SRSG(2018)M004/A005: June Love to write to Stewart Ballantine, SEPA re clarification on the low level radioactive waste facility.

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