



Chapelcross Site Stakeholder Group

**Minutes of the Meeting held on Friday 3 May 2019 at 10.00 am
at Council Chambers, Annan Town Hall, High Street, Annan**

Present:

Mr Mark Blackley (Magnox, Chapelcross Site Integration Manager)
Mrs Jill Callander (SSG Secretary)
Cllr Archie Dryburgh (representing Annandale East and Eskdale) (Chair)
Mr David Gardiner (D&G Council, Service Manager for Business and Enterprise)
Mr John Grierson (Scottish Regional Lead / Closure Director - Chapelcross and Hunterston A)
Cllr Sean Marshall (representing Annandale South)
Cllr Henry McClelland (representing Annandale South) (Vice Chair)
Mr Willie McNairn (2km Resident Representative)
Mr John McNamara (Nuclear Decommissioning Authority, NDA)
Ms Jaime Nicholson (D&G Council, Principal Officer Facilities Annandale and Eskdale)
Mr Ian Park (Chapelcross Union Representative)
Mr Alex Thomson (Federation of Community Councils / Gretna and Rigg Community Council)
Cllr Stephen Thompson (representing Annandale North)
Mrs Joyce Wylie (Royal Burgh of Annan Community Council)
Mr Ewan Young (Scottish Government)

In Attendance:

Mrs Sheila Adams (Minutes)
Press Representative

Apologies:

Mr Martin Brown (Federation of Community Councils)
Mr Ranajoy Dey (Nuclear Decommissioning Authority, NDA)
Mr Quintin Donald (Rural Payments and Inspections Directorate)
Ms Teresa Dougall (National Farmers Union Scotland, NFUS)
Mr Bill Kings (Office for Nuclear Regulation, ONR)
Mr Sandy McKay (representing Eastriggs, Dornock and Creca Community Council)
Mr David Stone (Scottish Environment Protection Agency, SEPA)
Mr Ian Winchester (Cumbria County Council Resilience Unit)

1. Chairman's Welcome

Cllr Dryburgh, Chair, opened the meeting by offering sincere condolences from the Site Stakeholder Group to the families of those local people who had lost their lives in road accidents on the A74(M) in recent days.

Cllr Dryburgh welcomed Mr John McNamara, NDA Head of Stakeholder Relations, to the meeting, who will replace Mr Bill Hamilton at Site Stakeholder Group meetings going forward. Mr David Gardiner, Dumfries and Galloway Council's Service Manager for Business and Enterprise and Ms Donna Mounce, Policy and Performance Advisor, Borderlands Inclusive Growth Initiative, were both expected to attend the meeting.

2. Announcements and Apologies (including Declarations of Interest)

The Secretary read the Apologies as listed above.

Cllr Marshall confirmed that he is employed by Magnox Limited and was attending the meeting as a Councillor, representing Annandale South.

3. Minutes of Previous Meeting and Matters Arising

The Minutes of the meeting of 14 December 2018 were approved as a true record and proposed as such by Mr Ian Park and seconded by Mr Henry McClelland.

Action points from the last meeting

The two actions from the last meeting were discharged.

Mrs Callander advised that in respect of the Action on the NDA to provide an update on the Borderlands project for members, this would be best reported through Mr Gardiner and Ms Mounce.

With regard to the action on Mr Stone to advise how to access SEPA documents which are available to the public, Mrs Callander read out an email from Mr Stone, in his absence. Mr Stone advised that there is currently no facility on SEPA's website to access documents such as the warning letter that was issued to Chapelcross. SEPA's Registry Services manage such documents and as the Registries are public access buildings, people can turn up and ask to see documents. However, the only Registries are in North Lanarkshire, Dingwall and Aberdeen, which are not convenient for stakeholders living in the vicinity of Chapelcross. Alternatively, a Freedom of Information request could be submitted but this can be time consuming. Providing there are no security or commercial confidentiality implications, Mr Stone undertook to share any correspondence between SEPA and the Chapelcross site as part of his report to the Site Stakeholder Group.

4. Chapelcross Site Closure Director's Report – Mr John Grierson (including update on Magnox Socio-Economic Scheme)

Mr Grierson introduced Chapelcross Integration Manager, Mr Mark Blackley, who will present the Chapelcross site report to the next Site Stakeholder Group meeting as part of the site's succession planning. Mr Grierson advised members that the previous day, 2 May, marked Chapelcross site's 60 year anniversary.

Mr Grierson began his presentation, as usual, with safety. There had been one minor injury since the last meeting in December. SEPA's annual Compliance Report for Chapelcross site was assessed as 'good' which Mr Grierson would like to be 'excellent' going forward. Chapelcross was the second site to have its Nuclear Site Security Plan approved, with Sellafield being first.

Mr Gardiner entered the meeting at 10.08 am.

The site was stood down for a return to work safety briefing in January, the focus of which was on wellbeing and distractions. Mental health is a focus across the Magnox estate, with Scotland leading the way with two employee led wellbeing groups which will be rolled out across other sites. As part of the Target Zero Initiative, Chapelcross site led a Working at Height campaign in April, working with a Contractor to show virtual reality technology for use in training. This technology told a story from accident through to funeral and was very well received by the workforce. Magnox is working hard to remove the stigma around mental health and now has over 100 Mental Health First Aiders. Mr Grierson is pleased to be Executive Sponsor of Mental Health.

Chapelcross has a budget allocation of £23.5 million, which is lower than previous years but reflective of where the site is in its decommissioning programme. The budget is healthy across all sites although there will always be funding pressures. Ms Gwen Parry-Jones OBE has been appointed Chief Executive Officer of Magnox Ltd and Mr Grierson was pleased to see nine Magnox employees promoted, two from the local area. Employee numbers on site have reduced slightly due to retirement. More retirements are coming up and the site is trying to retain existing staff. The Critical Path remains unchanged, with Care and Maintenance scheduled for 2025/2026.

The focus in the Ponds area is the retrieval of sand and sludge into No1 storage bay for consolidation. The next big project commencing in July / August is the retrieval of Miscellaneous Activated Components. The design of the Chapelcross Processing Plant (CXPP) is now complete, with physical works now being carried out. The contract for the drums is now being let. All of the enabling work for the Advanced Vacuum Drying System (AVDS) has been done and the AVDS is being commissioned. A cross site transporter is required to move packages around the site after operator training. The construction of the Interim Storage Facility (ISF) is complete and was handed over by the Contractor a couple of weeks ago. Security technology is awaited and an invitation was issued to Site Stakeholder Group members to visit the site to the Interim Storage Facility on Friday 31 May 2019.

Under asset care, the windows of Reactor 4 are being removed. Roof work has been carried out to address minor leakage. A new welfare facility has been built for the ponds. Infrastructure improvements include the repair of potholes in the roads. Chapelcross site will generate a lot of waste this year and a machine is coming from Bradwell site to assist with this. Chapelcross has received an extra £0.5M for waste operations.

Under Socio Economics, Chapelcross site awarded £15,991 in 2018/19 to projects such as Castle Loch, Annan Riding of the Marches, YouthBeatz, Lockerbie Scouts and Langholm Community Council. Spend to date in 2019/20 is £1,060. Chapelcross Site Stakeholder Activity included Solway Skating Club, Badminton Competition, Active Schools Youth Leaders, Dumfries Y Gymnastics, International Atomic Energy Society and Sports Awards in Langholm.

Mr Grierson concluded his presentation by showing a video from the Leadership Conference 'Celebrating Magnox Delivery' and the key highlights across the Magnox estate. Mr Grierson also described the 'People Like Us' videos, which are a range of videos all featuring Magnox personnel or Contractors who wish to tell their stories to help and inform others. These have proven to be popular and powerful and Mr Grierson showed the video of Mr Paul Hunt, Deputy Managing Director on the subject of reverse parking.

Questions and Observations

As the Health and Wellbeing Champion for Dumfries and Galloway Council, Cllr Dryburgh was pleased to see Chapelcross site supporting this area. Cllr McClelland echoed this sentiment and with Scotland having the second highest suicide rate in young men, he applauded this tremendous initiative to improve and raise awareness of mental health issues. Cllr Dryburgh advised that 13–19 May is Mental Health Week and Mr Grierson added that the campaign will be active across the business during this week.

Cllr McClelland asked about the second incident reported to SEPA in a short space of time. Mr Grierson explained that the investigation was now complete and a large metal box with a waterproof bag for transportation had been taken outside. Although this was covered in tarpaulins, the covering was insufficient, resulting in the water gaining access and generating low levels of activity in the liquid.

Mr Park asked about the redeployment of staff following future demolition. Mr Grierson replied that Higher Activity Waste will be processed until 2022. The demolition phase will begin when this is in storage, with the turbine hall and peripheral buildings being taken down. This will be hands-on work for which training will be given to staff to develop radiological skills. In terms of staffing requirements, Mr Grierson explained that there will be natural movements due to

retirement, with agency and contract workers taken on temporarily when required. A healthy number of local people are employed through contractors. Terms and conditions for new employees are currently being negotiated. Mr Grierson noted that the demolition process will be just as difficult as the design process.

Cllr Dryburgh referred to comments at the recent Site Stakeholder Group Chairs' meeting about the amount of equipment left at Bradwell at the end. Mr Grierson explained that Bradwell has four buildings and peripheral infrastructure in care and maintenance. There are logistics within sites where people are working, such as cabins, car parks etc. It takes a few months for a site to fully shut down and there is still work to do after care and maintenance. All Bradwell's assets are on the NDA's assets database, the sector's equivalent to Ebay.

Cllr McClelland asked if there were lessons to be learned from Bradwell as it had been suggested at the Site Stakeholder Group Chair's meeting that packages from Bradwell went to Dungeness and Sizewell and perhaps it went to care and maintenance too early. Mr Grierson explained the process of storing packages which were shipped from Dungeness to the regional store at Bradwell.

Cllr Thompson asked for an update on the Early Reactor Decommissioning and if the site would remain in care and maintenance for 120 years. Mr Grierson advised that Early Reactor Decommissioning is going through an assessment and prioritisation process by the NDA. He responded that 70 – 80 years is the current timescale in the Life Time Plan with only six buildings remaining on site, 4 reactors, CXPP and the ISF. Scottish Policy allows for a period of institutional regulatory control for 300 years. The advantage of this for Chapelcross is that a high percentage of Chapelcross waste will decay to Low Level Waste from Intermediate Level Waste in 120-180 years so there would be a smaller number of packages left. Cllr Thompson would be interested to know the cost of nuclear power across the whole life of the site. He also wondered what security would be in 120 years as it is hard to imagine that far ahead. Mr Grierson commented that the process could be done quicker but the NDA is bound by budget constraints. This year the Government has awarded £475 million across all Magnox sites. Mr Grierson added that Chapelcross site was supposed to enter a period of Interim Care and Maintenance between 2017-2022, but the site's Life Time Plan was changed by the parent body organisation, Cavendish Fluor Partnership, to allow for continuous decommissioning, which has less impact on the local economy and employment.

Mr Park referred to regional stores in Scotland and asked if there was scope for Chapelcross to store waste from the EDF site at Torness. Mr Grierson replied that there is the potential and this would be consulted with the local community if it was planned in the future.

5. NDA Reports – Mr John McNamara

The NDA reports for March and April 2019, issued with the meeting papers, were taken as read. Mr McNamara introduced himself and his background of 25 years in the industry. He is looking forward to getting to know Chapelcross and Hunterston A sites better. He reported that Mr Bill Hamilton had taken up post with Magnox on 1 May 2019 but had been seconded back to the NDA to continue working on the NDA Stakeholder Event. Mrs Kelly Anderson is part of the team with Mr Jonathan Jenkins and Anna McConnell at Dounreay, working closely with the Socio Economic Team.

Mr McNamara clarified the position with the transition to Magnox Ltd as a direct subsidiary of the NDA on 1 September 2019. Cavendish Fluor Partnership were given two years notice of this change. Magnox will carry on as it is currently - it is only the legal entity and ownership that has changed. There has been high interest from the supply chain in the transition and any new contracts can be found on the NDA's website. Mr McNamara confirmed that Ms Gwen Parry-Jones has been appointed Chief Executive Officer with Magnox Ltd. Ms Parry-Jones was the first female Site Director at British Energy and is considered to be a phenomenal leader.

Breaking news from the NDA is the highly enriched uranium transports to the USA from Dounreay. The success of the project was being publicised that day at a US/UK diplomatic event in London. The fuel will be downgraded and used in US Reactors.

The NDA's Business Plan has been published in a new style and format. The document is now colour coded in different work streams to make it easier to follow. Mr McNamara invited members to feed in any questions to the NDA. The NDA's new Research and Development Report has also been published, on which any comments or questions can be directed to research@nda.gov.uk.

Highlights from the Monthly Updates included the start of the process to search for a volunteer community to host a future long-term Geological Disposal Facility (GDF) which is being taken forward by Radioactive Waste Management (RWM). This strategy was approved for England on 19 December 2018, and a separate strategy for Wales agreed in January 2019. The difference in previous processes is the new term 'interested parties' which means that landowners, businesses, etc., can express an interest, not just Local Authorities.

As a result of the NDA Spending Review, the NDA was awarded £3 billion, £2 billion of which is allocated to West Cumbria. There are 16,000 employees within the NDA group. The NDA is beginning a cultural change, taking forward closer integrated working between Companies as 'one NDA'. This will involve significant work internally and will take time to evolve. In terms of key appointments, Corrine Parr has joined the NDA as Head of UK Waste and Murdo Allen has been appointed Head of Safety.

Questions and Observations

Cllr Dryburgh noted that the cliff edge did not happen, thanks to socio economics funding and a partnership of NDA / Cavendish Fluor Partnership and Magnox. He asked how any future socio economic fund is likely to work when one of the partners will be missing. Mr McNamara advised that a team is working on a plan, looking at the budget with regard to socio economics, which will be modified, modernised and a standardised approach adopted, which he would keep Site Stakeholder Group members updated on.

Cllr McClelland was reassured to hear that a socio economic model is being looked at. He noted that two thirds of the £47 million budget went to West Cumbria and asked that the CX project be kept in mind, which would welcome as much as possible.

Cllr McClelland noted that there will be no Geological Disposal Facility in Scotland and it will be five years before the Geological Disposal Facility is at Local Authority stage in England but will follow this with interest as some areas will be receptive and others will not. Mr McNamara confirmed that Councils can come in early but the new strategy allows others to put their hat in the ring.

Referring back to socio economics, Mr Park again reiterated the importance of long term employment for the workforce. With regard to whole site decommissioning and the dismantling of reactors, he suggested that Chapelcross could be used as a small, single easy site to use as an experiment with four reactors, the same as Sellafield which would boost the economies of both.

Cllr Marshall noted that the Site Stakeholder Groups which have been active for 10 – 15 years have had more success with funding awards. He would like to see funding directly from the NDA as well as through a Socio Economic Scheme and looks forward to engaging with the NDA going forward. Mr McNamara confirmed that this is important to the NDA and it is happy to continue to engage and discuss.

Mr Park asked if there had been any movement with regard to land. Cllr Dryburgh responded that the NDA is working with other stakeholders to ensure that this moves forward but added that it will not all be at once. Heads of Terms have been agreed with the Borderlands Initiative and packages of land are likely to be sold when interest is shown. Cllr Marshall stressed that any discussions should be confirmed in writing. Mr McNamara confirmed that the NDA will work collaboratively as projects develop rather than deal with a whole package of land at once, which would be too onerous.

Cllr Thompson noted the grant award to Annandale and Eskdale Sports Events and advised that Dumfries and Galloway Council will now partner an event rather than take a lead role and it was encouraging that the Socio Economic fund was supporting this.

6. Other reports from SSG Bodies – ONR, SEPA, Scottish Government

ONR

The ONR report, included in the meeting papers, was taken as read. Mr Kings was not present at the meeting.

SEPA

The SEPA report, distributed with the meeting papers, was taken as read. Mr Stone was not present at the meeting.

Scottish Government – Mr Ewan Young

Mr Young's report included an update on the International Atomic Energy Agency (IAEA) Integrated Regulatory Review Service (IRRS) visit to the UK in October 2019; national narrative on in-situ disposal; regulation of nuclear sites in the final stages of decommissioning and clean-up; review of emergency environmental radiation monitoring and BEIS Liquid Discharge Review.

IAEA IRRS visit to UK October 2019

The International Atomic Energy Agency (IAEA) Integrated Regulatory Review Service (IRRS) has been established to strengthen and enhance the effectiveness of national regulatory frameworks for nuclear, radiation, radioactive waste and transport safety whilst recognising the ultimate responsibility of each country to ensure safety in these areas. The IRRS process sets out to accomplish this purpose through enabling structure peer review of national regulatory technical and policy approaches against IAEA safety standards to propose recommendations and suggestions; and sharing of relevant good practices. The UK Government requested an IRRS mission in 2018 and it was agreed that one would take place in 2019. Work is now progressing on the forthcoming visit to the UK by members of the IAEA in October 2019. Input is being organised by the Office for Nuclear Regulation (ONR) with the Department for Business, Energy and Industrial Strategy (BEIS) co-ordinating the Government responses including the Devolved Administrations (DA's). A preparatory meeting was held in April 2019 to finalise which sites and areas of regulation the IAEA members will focus upon in October 2019.

National Narrative on In-Situ Disposal

This document is being drafted to assist nuclear sites in their engagement with local stakeholders during the various stages of decommissioning. This is following the publication of the Government's response to the consultation on the 'regulation of nuclear sites in the final stages of decommissioning and clean-up'.

The proposed document will provide a starting point for stakeholders to get a better understanding of how Government Policy sets out a framework for all relevant parties that enables better decision making about the management of large volumes of low level radioactive wastes arising from the decommissioning of nuclear sites, and how the best overall outcome for any particular site might range from some radioactivity remaining on site, through to the removal of most or all radioactivity.

Regulation of Nuclear Sites in the final stages of decommissioning and clean-up

Scottish Government officials met with SEPA on 22 February 2019 to discuss the possible amendments to secondary legislation in Scotland which will be required following the proposed changes to the Nuclear Installations Act 1965 (NIA65). The current legislation in Scotland is the Environmental Authorisations (Scotland) Regulations 2018 (EASR). Further meetings are planned once the position in respect of the changes to NIA65 become clearer.

Review of emergency environmental radiation monitoring

There is a review underway of the current position in respect of the emergency environmental radiation monitoring which would take place following a release from a nuclear site or other radiation incident. This is being led by the Public Health England Centre for Radiation, Chemical and Environmental Hazards (PHE CRCE) on behalf of BEIS. The review is looking at the capacity and capability of various organisations who would be involved in the collection, analysis and result reporting of samples collected during a release or radiation incident. In Scotland this is being supported by SEPA and Food Standards Scotland (FSS) together with this policy area of the Scottish Government.

BEIS Liquid Discharge Review

The UK Government is carrying out a review, via commissioning a report from Public Health England on the approach to regulating liquids. The nuclear industry has queried in the past the lack of an 'out-of-scope' value for liquid discharges. The aim is to ensure regulation is fit for purpose, reflects national/international standards, protects the public and creates no unnecessary burden for industry. Five outputs are expected from the review: (i) a statement of current approach; (ii) a review of international policy; (iii) a review of liquid discharge regulation in other countries/lessons learned; (iv) review of issues identified by business; and (v) proposals for a way forward. Timing of the review will also put the UK government in a position to influence the IAEA review on clearance levels for solid and liquid wastes, and new targets for OSPAR. Although this is a devolved matter, it is hoped that a consistent approach can be agreed across environment agencies and governments/devolved administrations.

Questions and Observations

Cllr McClelland asked why neither regulator, ONR or SEPA, were present at the meeting. Mrs Callander advised that the regulators are only obliged to attend one meeting per year because of the reduction in the number of meetings and that this meeting had clashed with other commitments.

7. External Meetings and Invitations –

SSG Chairs Meeting, London – 8/9 April 2019

Cllr Dryburgh's written report on the meeting was included with the meeting papers and taken as read. The next SSG Chairs Meeting will be the NDA Summit on 9/10 July in North Wales.

9. CX Project – Mr David Gardiner

Mr Gardiner advised that he may not lead on the new project due to significant internal changes within the Council. The Key Performance Indicators (KPIs) and objectives written in 2018 are no longer relevant and need revisited and realigned to the Strategic Outline Business Case. Due to the changes required to the KPIs and objectives, the Council did not draw funds in 2018. Mark Fulton, Strategic Lead Chapelcross, is working with the Council's Chief Executive, Gavin Stevenson, on the Chapelcross element of the Borderlands project. It was noted that a significant amount of due diligence is required in respect of the land, even within small packages.

Questions and Observations

Cllr Marshall noted that Mark Fulton had familiarisation visits. He also noted that the original Beyond Chapelcross project included an element of socio economic funding asked if this would continue to be the case and if a dedicated Project Officer would be employed. Mr Gardiner responded that he expected a Project Manager to be employed but it was necessary to know what is required to be delivered first before recruitment can be commenced.

Cllr McClelland asked for an update on the position with Heads of Terms. Mr Gardiner replied that he is not directly involved with this but understood that terms are still being negotiated and Project Plans are still to be written up. Cllr McClelland referred to the significant amount of due diligence that will be required for approx 64ha of land. He asked if there are any existing leases or tenants. Mr McNamara confirmed that there are lots of considerations and a host of issues to

be resolved. Mr Gardiner added that such issues include soil, land and suitability for buildings and businesses.

Mrs Callander requested a Structure Chart so that Site Stakeholder Group members could easily see who sits where on each Group.

- **Action – Mr Gardiner to feed back the Site Stakeholder Group request for a Structure Chart identifying personnel within the various projects relative to Chapelcross.**

Cllr Dryburgh requested an update on DG12. Mr Gardiner advised that a Local Solutions Team is working through the South of Scotland Economic Partnership (SoSEP) and the Scottish Government on the Pinneys closure. A plan for the site will become operational by September. The Team is working with the client to support them to acquisition, including obtaining of Building Warrant, Planning Permission, working with SEPA and internal processes. Recruitment of staff will be done over the summer period as production gets closer, with the assistance of an HR Consultant in employment law. Annan Business Park is a key focus and acquisition is anticipated in the next couple of weeks.

Mr Park noted that if Chapelcross could be built 60 years ago, there should not be insurmountable problems with land now. Mr Gardiner stressed that the diligence process is necessary before taking on any land to ensure that it is an asset, not a liability.

Cllr Dryburgh would like to see someone present to update the next Site Stakeholder Group and asked if the Project Manager would be in post by then. Mr Gardiner was unable to answer this. Mrs Callander noted an action at a previous meeting that a written update report was to be produced for each Site Stakeholder Group meeting. Mr Gardiner advised that there had been nothing to report on KPIs during 2018. Cllr Marshall noted that this action had been discharged but there was some frustration on the Site Stakeholder Group that regular updates were not being provided.

10. Any Other Business

Cllr Thompson observed that both the NDA and the Local Authority deliver to the public, albeit in different ways, but both are obliged to obtain best value for the public pound and all employees contribute to the local economy. Cllr Dryburgh looked forward to seeing more employment which would help the local economy through projects delivered in the next few years through SoSEP and Borderlands. Cllr Thompson referred to migrant workers and noted that people are willing to travel to where the work is. The availability of work allows these people to stay longer. Cllr Marshall noted the important position of Sellafield in the Travel to Work area and this works both ways as some local people work at Sellafield but still live in our region.

11. Public Forum

There were no members of the public present.

12. Next Meeting – Friday 23 August 2019

The date of the next meeting was confirmed as Friday 23 August 2019.

As the meeting was ahead of schedule, Mr Grierson showed a video of a crane being removed at Hinkley Point, for the interest of members.

Cllr Dryburgh closed the meeting at 11.45 am.