Chapelcross Site Stakeholder Group

AGENDA

Agenda for the SSG meeting to be held on Friday 3 September 2010 in the Council Chambers, Council Offices, High Street, Annan at 10am.

1. (10:00 – 10:03) Chairman’s opening remarks
2. (10:04 – 10:06) Announcements and apologies
3. (10:07 – 10:10) Minutes of previous meeting and Matters Arising
4. (10:11 – 10:35) Chapelcross Site Director’s Report
5. (10:36 – 10:44) NDA Chapelcross Site Programme Manager’s Report
7. (11:45 – 12:00) Other reports from SSG bodies NII, SEPA, CNC.
9. (12:06 – 12:10) NDA Socio Economic Funding Applications - Verbal update from Chris Brown
11. (12:16 – 12:20) CX SSG representation at upcoming meetings
12. (12:21 – 12:22) Any Other Business
Chapelcross Site Stakeholder Group

Minutes of the Chapelcross Site Stakeholder Group held on Friday 6 June 2010 at Council
Chambers, Annan Town Hall, High Street, Annan

In Attendance:
Cllr Ian Lindsay (representing Annandale East) (Chair)
Jill Callander (SSG Secretary)
Dave Wilson (Chapelcross Site Director)
Keith Riding (NDA Chapelcross Site Programme Manager)
Cllr Sean Marshall (representing Annandale South)
Ewan Young (Scottish Government)
Cllr Ronnie Ogilivie (representing Annandale South)
Ewan Green (Operations Manager, Economic Development)
Cllr Archie Dryburgh (representing Annandale East)
Willie McNairn (2km Resident Representative)
Harry Brown (2km Resident Representative)
Ross McWhirter (Scottish Enterprise)
Pam Duerden (Chapelcross ESS&Q Manager)
Insp Robert Gibson (D&G Constabulary)

Apologies:
Cllr Michael Dickie (representing Annandale North)
Cllr Ted Brown (representing Annandale North)
Cllr Roger Grant (representing Annandale North)
David Irving (D&G Constabulary)
Cllr Gail MacGregor (representing Annandale North)
Dr Will Munro (Food Standards Agency Scotland)
David Gurney (Civil Protection and Emergency Planning)
Steve Southam (D&G Council)
David Mundell – MP
Cllr Richard Brodie (representing Annandale South)
Dr Elaine Murray – MSP
Michael Aldersey (D&G Fire and Rescue Services)
Hugh Fearn (SEPA)
Chris Brown (A&E Economic Regeneration)
Neil Erskine (Dumfries & Galloway Fire & Rescue)
Graham Cooke (Rural Payments & Inspections Directorate)
Sgt David Johnstone (Civil Nuclear Constabulary)
Cllr Allan Graham (representing Annandale East)
Les Davies (NII)

Present:
Erin Dinsdale (Magnox North)                David Armstrong (Beechhill Farm)
Sharon Liptrot (D&G Standard)              Abbey Rogerson (Annandale Observer)
1. Chairman’s Opening Remarks
The Chairman welcomed everyone to the June quarterly meeting of the Chapelcross Site Stakeholder Group. Condolences were expressed for the family of Len Moore who gave many years of service to the Site Stakeholder Group and thanks given to John Rogerson, Chapelcross Trade Union Representative who has recently left Magnox North, Chapelcross for his attendance and support over many years.

2. Announcement and Apologies
The Secretary gave the apologies as listed above.

3. Minutes of Previous Meeting and Matters Arising
The March Minutes were proposed by Cllr Archie Dryburgh and seconded by Cllr Ronnie Ogilvie. Ewan Green reiterated that further to the Minute 4 (Chapelcross Masterplan) para 15 that with regard to the Masterplan that the CoReS (Corridor Regeneration Steering) Group was working well together with many groups within the GLA (Gretna – Lockerbie – Annan) area.

4. Chapelcross Site Director’s Report
Dave Wilson presented his report; giving updated programmes of work, using the attached presentation slides (see copy attached to Minutes).

In summary the Magnox Depleted Uranium (MDU) project has been successfully completed. The defuelling programme continues well as top priority for the site and good progress is being made with the Asbestos Project. The Pond Project is now underway and the electrical overlay system is also ready to commence.

Questions and Observations
Cllr A Dryburgh asked for some clarity with regard to the lost time accident statistics which Dave Wilson had reported on within his Report. It was explained to the Group that all accidents are included within the figures given. Cllr Ronnie Ogilvie raised a query with regard to tritium levels. It was confirmed that ground water with anything less than 100 Becquerel’s per litre was not treated as waste. Dave expressed disappointment that the Site had been issued a final written warning from SEPA relating to a specific operation and confirmed that every step will be taken to ensure that measures are taken to prevent re-occurrence.

Cllr Marshall mentioned reduction in employee numbers and asked if this was across the company and not just Chapelcross, he also pointed out that the defuelling date had been moved 6 months further back. Dave Wilson confirmed that the reduction will be a Magnox North/NDA estate wide reduction. At the end of defuelling, around April 2012 it is expected that approximately 120 people will be going from the site. It is hoped that this will be able to be done through voluntary severance. In the meantime, staff are being offered additional skills training, allowing as much flexibility as possible for the remaining staff to allow relocation in the areas they would wish to develop in.

Dave Wilson also pointed out that it is expected that the physical appearance of the site will change at that time, emergency arrangements will be amended, fewer people on shifts, potentially no need for Civil Nuclear Constabulary etc. It was also confirmed that appropriate levels of Security would be maintained at all times.

Willie McNairn raised a question with regard to Gullielands Burn, which is groundwater and flows through the site. The question was asked if this water was monitored and Dave Wilson responded by confirming that limits given by SEPA only relate to water being processed, any managed water is controlled by authorisations given to the Site by SEPA. It was acknowledged that all of the
details with regard to tritium in the local environment, plants and animals were reported annually through the RIFE Report (Radioactivity In Food and the Environment).

Willie McNairn enquired if there had been any further meetings arranged further to the initial BPEO Meeting held earlier in the year with regard to tritium levels. Dave Wilson responded and confirmed that there has been no increase and no further meetings arranged. Chairman Lindsay pointed out that this had been discussed at the previous meeting in some length and that SEPA had indicated that they were content with regard to this.

A question was raised with regard to the team of staff who had worked on the MDU Project, which is now complete and it was asked whether they were still in employment. Dave Wilson confirmed that this is the case. Cllr Archie Dryburgh added that there was to be a Trade Union and Management joint Site Standown on the 21st June, following a meeting of the Site Joint Council to discuss managing the site workforce over the next few years. This was to try to ensure practical solutions to ‘working ourselves out of jobs’. It was acknowledged by the Group that the reality is that the end of the Chapelcross Site is moving closer.

Cllr A Dryburgh asked with regard to Voluntary Severance on Site are they all older members. Dave Wilson advised that there had been a mix of bodies of various ages. This included younger people gone to do something different, and he gave an example of a young lady who left to undertake teacher training.

Chairman Lindsay asked for an update with regard to flask availability. It was confirmed that between 7-11 flasks were currently in use in the Magnox fleet so defuelling is well underway. EnergySolutions Chairman Claire Spottiswoode visited Chapelcross on 1st June and a discussion was had with regard to flask maintenance. Dave Wilson reported that there was currently an optioneering study underway to work out if there was an alternative to the existing arrangements where all flasks go through one plant at Sellafield. This would help reduce the risk of a bottleneck in flask availability should this plant be unavailable. Chapelcross’s new flask handling facility with skilled staff could possibly be an alternative option for this activity. Significant investment has been made in this purpose built facility and there is currently a team going through the process of looking at this. The visit to Chapelcross allowed Claire Spottiswoode to gain a better insight into flask handling.

Ponds
Chairman Lindsay asked if the Ponds Building would be suitable for storage. Dave Wilson confirmed that this would not be possible due to age, but confirmed that there may be other opportunities for this particular building and others on site.

5. NDA Chapelcross Site Programme Manager's Report
Keith Riding gave a verbal update with regard to NDA Chapelcross Site Specific and National issues. He confirmed that all of the projects on site are progressing very well.

NDA are about to announce a re-organisation of its current structure and how it will carry out business in the future. The NDA have been in operation for just over 5 years and the initial phase of deliverables have been successfully completed. The NDA now needs to focus on becoming a “delivery” organisation and hence the re-organisation needs to be implemented. The announcement is planned to be released at the end of June. It is expected that the current NDA workforce will be reduced as part of the re-organisation. Keith Riding stated he will keep Chairman Lindsay informed of the developments and any potential impact to the Chapelcross Site. Mr Riding added that the purpose of the change was to drive forward more efficiencies, but insisted that safety was still paramount and he also informed the SSG that the NDA were currently drafting their new Strategy Document for public consultation. Within the Energy Act 2004, NDA are required by law to review this Strategy every 5 years. The public consultation will commence in September 2010, with the aim of obtaining Scottish Government and ministerial approval by April 2011.

Keith Riding also stated that it has just been announced that Richard Waite, the NDA Executive Director for delivery would be leaving the NDA in September 2011 to take up an Executive role with CH2MHill
which is a large international corporation based in Denver USA. CH2M-Hill have had a strong connection with the nuclear decommissioning market for a number of years and is currently one of the teams bidding for the NDA contract at Dounreay.

Questions and Answers
Cllr Marshall asked with regard to the NDA Strategy, would Chapelcross get a fair share of funding, especially within the current economic climate? The ultimate goal locally is to gain funding and allow as many opportunities for the Site as possible.

Keith Riding saw no reason why Chapelcross should not get their fair share of funding and reiterated the importance for Chapelcross to defuel and remove the asbestos from the heat exchangers compliantly and safely, as quickly as possible.

Cllr Ogilvie was heartened to hear of the progress being made with the three major projects which were doing well at Chapelcross and will stand up to scrutiny, and hopes that this will stand Chapelcross in good stead for future funding requests.

6. Other Reports from SSG Bodies

NII
Les Davies has circulated the NII Site Inspection Quarterly Report for the period 1 January to 31 March 2010 to SSG Members.

SEPA
Hugh Fearn from SEPA had passed his apologies for the meeting.

Police
Inspector Gibson reported that he was happy with progress between the D&G Constabulary and the Site.

SCOTTISH GOVERNMENT
An update was given by Ewan Young from Scottish Government. Thanks were given to the Chapelcross SSG for their representation at the recent Scottish Sites Meeting.

Higher Activity Radioactive Waste
The Scottish Government has consulted on a Detailed Statement of Policy for its Higher Activity Radioactive Waste, the consultation period closed on 9 April 2010. A number of requests received from Scottish Local Authorities requesting time to submit responses due to Committee Meetings. Last response was received on 26 May 2010. 66 responses to the consultation have been received from a wide variety of groups and organisations - local authorities, regulators, NGOs, individuals and waste producers and owners. This includes the responses from Chapelcross. The responses are currently being analysed and the Scottish Government expects to publish the final Policy later in 2010.

Cllr Marshall raised a query with regard to consultation responses. He asked specifically if D&G Council had submitted a response and whether Ewan could confirm D&G Council have responded to consultation. Ewan undertook to respond to confirm that. Cllr Marshall asked who the consultation document was sent to within the Council? Ewan confirmed that letters, along with the consultation documentation were addressed to the Chief Executive and the Director of Environmental Health. Action – Ewan Young to confirm whether D&G Council have submitted a response to the Higher Activity Radioactive Waste Consultation?
Cllr Marshall also asked if it was possible for Scottish Government to provide details of the 66 responses to the consultation. **Action – Ewan Young to look into this.**

**Article 37**
This has been a complex matter. It is hoped to be able to provide a formal response by the end of June 2010

Cllr Ogilvie reported that he had attended a Nuclear Free Local Authorities (NFLA) conference recently at Livingston where waste disposal was discussed. He asked Ewan Young if Scottish Government were aware of this Conference as there was clarity needed with regard to many of the Agenda items. Ewan confirmed that the Scottish Government were indeed aware and had received an invite. Ewan was happy to feed back to Elizabeth Gray regarding discussions held at this meeting.

7. **Chapelcross Community Support/Education Sub Group**
Sean Marshall reported on funds allocated through the Community and Education Support SSG Sub. Details of funding allocated have been distributed prior to the SSG Meeting. Sean was pleased to report that there is a 100% participation by local primary and secondary schools in the Chapelcross SEE (Science, Environment and Enterprise) Project.

8. **Consultation Sub Group**
SSG Responses relating to Scottish Higher Activity Waste Policy and Chapelcross Site Technical Feasibility Study have been circulated with the papers to all members, following meetings of the Consultation Sub Group.

9. **Chapelcross Site Technical Feasibility Study**
Further to the previous meeting where the Chapelcross Masterplan Presentation was presented there has been a lot of concern raised with regard to the content by both SSG Members and members of the public. It was agreed that this study was not in fact a masterplan, but a technical feasibility study.

Chairman Lindsay read out at Draft Press Release relating to the Site Technical Feasibility Study,

A report, commissioned by Scottish Enterprise, was presented to the March meeting of the SSG. However, members of the local community have expressed concern that artists' impressions contained in the report suggest that decisions on future developments at the site have already been taken.

Speaking at the SSG meeting on 11 June, Chairman Cllr Ian Lindsay said the report was the culmination of feasibility work conducted over the past two years. It was designed to establish market demand for new business space at the site, which is owned by the NDA, and quantify any technical and financial obstacles to attracting new industry and employment.

It was stressed that the report was no more than a reflection of ideas and options proposed by the local stakeholders who attended the consultation workshops that influenced the study, together with some areas of existing market interest. Any specific development proposals that might materialise in the future would, added Cllr Lindsay, of course be subject to individual planning applications, which in turn would be accompanied by a full consultation process.

*The value of the work lay in the market, technical and financial appraisals, which would underpin the complex process of moving potential new development forward in tandem with the decommissioning programme at the NDA-owned Chapelcross site."

The work has allowed the NDA to submit the site for consideration in the local planning process. This process will be supported by the detailed market, technical and financial information assembled and will assist in placing the area on a competitive footing for attracting inward investment and company growth opportunities which will help to grow and diversify the economy."
Ross McWhirter reiterated that the purpose of the study was to put the Site into an advantageous state should there be any development opportunities arise in the future.

Cllr Ogilvie stated that should opportunities at Chapelcross Site arise, it is acknowledged that any plans would need to go through due process of planning etc. At present, as with the existing plan, the five box model is still in place as detailed in the Chapelcross Lifetime Plan, which constituted the four reactors and the Intermediate Level Waste storage facility.

Ross McWhirter added that one of the issues identified by the study related to the road links and it was acknowledged by the NDA that this had to be addressed.

Dave Wilson offered to give a presentation to the SSG to recap the content of the Chapelcross Lifetime Plan to bring members up to date. Chairman Lindsay agreed that this would be very useful and thanked Dave for his offer. Action - Dave Wilson to present CX Lifetime Plan.

Cllr Marshall suggested that it may be appropriate for the presentation to be given to the 2km residents, along with a general site update and Site Emergency Arrangements. Action - Jill Callander to arrange.

10. CoReS Update

Ewan Green gave an update on some of the projects within the CoReS Group.


Annan Masterplan – almost fulfilled. Setting up 15/20 year vision with significant projects being developed. The consultation process of this has been exemplary.

Lockerbie Masterplan – planned to start in August of this year.

Business Space Project working in conjunction with Scottish Enterprise and these are being progressed as quickly as possible.

Cllr Ogilvie commented that he is pleased to see progress and stated he was aware that the Lockerbie Initiative is folding this week. He believed that the success seen in Annan is because of the drive of the local Councillors. It was asked, who will drive the Lockerbie Masterplan? Ewan confirmed that he is looking to take all of the learning from the previous masterplans to ensure the success of Lockerbie.

Chairman Lindsay raised the £2.5M offer from NDA and the apparent slow progress and stressed the importance of all of the agencies working together to ensure this funding is put to good use.

11. Update on NDA Socio Economic Funding Applications

Ewan Green stated that the Community Funding Application has not yet went through the next stage as previously expected of the NDA Funding Panel held in June, but he was still confident that this would still be a positive request. It was hoped that this would be confirmed in due course. It was noted that the MP, MSP and Chairman of the SSG had sent support letters to the NDA with regard to this request.

12. Feedback from NDA National Stakeholder Group Meeting and Scottish Sites Meeting

The 10th meeting of the NDA National Stakeholder Group (NSG) took place on 17-18 March in Manchester. It was acknowledged by the Chief Executive Tony Fountain the success of the MDU Project at Chapelcross. The offer of further detail regarding to this Meeting was offered to all SSG Members.

Scottish Sites Meeting was attended by Cllr Sean Marshall, Chairman Ian Lindsay and Site Director, Dave Wilson. This was a very valuable meeting, sharing information and knowledge with all of the other Scottish Nuclear Sites.

Cllr Ronnie Ogilvie asked if the NSG is a well structured business meeting and Chairman Ian Lindsay confirmed that this is the case and that the attendees were extremely well versed with nuclear issues.
13. Chaplcross Intermediate Level Waste (ILW) Optioneering Study 24th June 2010

An optioneering study has been arranged for Thursday 24th June 2010. This workshop will look at the environmental and other impacts considering two options of disposal. The workshop is a very early stage of a long process consultation with regard to ILW disposal.

14. Chaplcross SSG Constitution

Jill Callander will be contacting our new members with regard to arrangements to visit the site for the SSG Induction, this could be combined with an update site visit for all Chaplcross SSG Members. It is also hoped that a visit to other Site Stakeholder Groups and their respective sites can be arranged.

15. Any Other Business and Public Forum

The dates for Chaplcross Site Stakeholder Group Meetings in 2011 were proposed and accepted:

- 11th March
- 10th June
- 2nd September
- 2nd December


Friday 3 September 2010 at 10am, Council Chambers, Annan Town Hall.
Life Time Plan

Care and Maintenance Preparations Phase

April 2006  2022

Chapelcross Site Stakeholder Group – 3rd Sept 2010
Life Time Plan

**Defuelling Phase (present – 2012)**
- Defuel four reactors
- Early Hazard reduction (Asbestos, ILW, LLW)
- Replace ageing infrastructure

**Care & Maintenance Preparations Phase (2012 – 2022)**
- Construct ILW Store
- Retrieve ILW and place in on site store
- Prepare 4 reactor buildings for Care & Maintenance
- Demolish site buildings

**Care & Maintenance Phase (2022 – 2089)**
- Quiescent period of surveillance of 5 boxes (4 reactor Safestores and ILW Store)
- Empty on site ILW Store in 2043 (subject to availability of National ILW Repository)

**Final Site Clearance (2089 – 2095)**
- Install new site infrastructure
- Demolish reactors and ILW Store
- Delicence the nuclear site for alternative use
Top Level Statistics – Year to Date

- Days Away Cases 0
- Minor Injuries 5
- Days since last Lost Time Accident 528
- Schedule Performance Index 1.03
- Cost Performance Index 1.12
- Workforce
  - Employees 382
  - Skill Seekers / Modern Apprentices 2
  - Agency / Contracted Supplied Workers 50
  - Contractors 154
Defuelling Update

- Reactor 1
  - 32 flasks shipped to Sellafield – 4,452 elements, 44.8% complete

- Reactor 2
  - Defuelling scheduled to commence February 2011

- Reactor 3
  - 19 flasks shipped to Sellafield – 2,865 elements, 31.4% complete

- Reactor 4
  - Defuelling scheduled to commence April 2011
## Defuelling Update

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### Defuelling Update

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- Current scheduled completion of defuelling April 2012
Asbestos Update

- 6 Heat Exchangers now clear of asbestos

- Bulk strip of the 7th Heat Exchanger complete and the fine clean is approximately 70% complete. Third stage clearance is anticipated before the 25th September

- Around 81,000 bags of asbestos waste has now been removed

- The strip on all 16 blower pits is now complete, 100 days ahead of schedule

- Work has commenced stripping the asbestos lagging in the Turbine Hall, with Dump Condenser 1 completed and the fine clean on Turbine 1 is underway
Asbestos Update
Ponds

- The overall objective of the project is to drain, decontaminate and seal the ponds.

- This will require retrieval and processing of the intermediate level waste currently in the pond.

- Ponds decommissioning team now established on site.

- Initial work to commence drainage of Pond1 and development of techniques to remove and clean redundant fuel skips is underway.

- Planning for the retrieval, processing and packaging of ILW waste is underway.
Ponds
Electrical Overlay System

- Value of project = £3.98M
- Duration on Project = 3 years
People

- **Voluntary Severance Programme ongoing**
  - 2010/11 – 7 agreed to leave, 2 left to date, 5 to leave by the end of the year

- **Youth Development**
  - 2 skill seekers currently employed, 4 completed NVQ programme to date
  - 1 apprentice supported through the supply chain
  - 2 further apprentice opportunities in hand through supply chain
  - 4 summer students gaining work experience to support their university / college courses
Socio Economic Highlights 2010/11 – Spend to Date

- Chapelcross Socio Economic Budget (£40,000)
- Chapelcross Education Support Budget (£20,000)
- CARE (Chapelcross Accident Reduction) Scheme Budget (£3,000)
- EnergySolutions Budget (£31,000)

- £33,723 (84%)
- £1,215 (40%)
- £50 (0.25%)
- £29,750 (96%)
Chapelcross Stakeholder Activity

Iain Gray, MSP Visit to Site

National Energy Forum
National Skills Academy for Nuclear Audit
Chapelcross Stakeholder Activity

CX Heritage Golf Championship Presentation to Great North Ambulance Service

Disability Football Championships
Chapelcross Stakeholder Activity

Riding of the Marches

British Pipe Band Championships
Chapelcross Stakeholder Activity

SSG Visit to Chapelcross
Key Issues – Current Plan

- Continue to deliver de-fuelling in line with flask availability.
- Progress Asbestos Strip of HEX’s and Turbine Hall
- Reprogramming of ponds decommissioning work into the CX plan
- Progressing ILW Programme
- Commencing Site works on electrical overlay project
- Aging Infrastructure
Key Issues - Emerging

- Workforce transition post defuelling
- 20 % support and overhead reduction
- Possible requirement for an alternative Flask Maintenance Facility
- Potential for Interim Care and Maintenance Phase
- Awaiting the outcome of the next funding settlement
- Magnox North and South reintegration
Reintegration of Magnox North and Magnox South

- The NDA has accepted a business case to create one Magnox SLC, subject to regulatory agreement.

- Legal re-integration is currently expected by January, with a programme to reorganise the business by April 2011.
The benefits of re-integration

- It enables more money to be focused on front line delivery
- It will be easier to do that as a single company than it will be as two
- Operating as a single company allows Magnox to better align with the NDA’s strategic priorities
- It makes Magnox a more robust organisation
Summary

- Continue defuelling programme
- Progress asbestos strip project
- Commence pond decommissioning and electrical overlay project
- Some emerging opportunities and issues
- Ongoing Stakeholder Engagement

Priority is to retain focus on safety and compliance
Site Director's Report

Dave Wilson

3rd September 2010