

# NDA End States Reconciliation Process 2007

## Stage 4 Stakeholder Review and Feedback

### Cumbria Sites

Presented by Sara Johnston, Mark Wareing, (NDA) with Nigel Pacey  
& Emmanuelle Chardon (AMEC)

14 th November 2007, Cleator Moor , Cumbria



# Agenda

- Introductions
- Overview of the Reconciliation Process, the Mapping Process and formulation of End States to date (Nigel Pacey)
- LLWR near Drigg (Sara Johnston, Mark Wareing, Emmanuelle Chardon)
- Sellafield (Sara Johnston, Mark Wareing, Emmanuelle Chardon)
- Actions and AOB
- Close

# Reconciliation Process; Where are we now?

- Stage 1: Receipt of outputs from the Site End States Options Process (SSG/SLC outputs) proforma, reports etc.
- Stage 2 Mapping Process: Map End States Against National and NDA Generic Issues.
- Stage 3: Includes Further Stakeholder Consultations (Stage 3 Workshops, separate ones for Scottish sites, UKAEA, Magnox, Sellafield/LLWR) and formulation of Draft End States.
- Stage 4: Stakeholder and local SSG review and feedback on the Stage 3 Outputs....Today

# Overview of the Mapping Process (1)

- Mapping of SLC (Site License Company)/SSG (Site Stakeholder Groups) output to national issues to deliver commentary on End State options for each of the sites, setting out local and national implications of implementing each option.
- Carried out by NDA End State Project Team

# Overview of the Mapping Process (2)

- NDA 'End State' is the current March 2006 NDA Strategy with details from the Published Site Lifetime Plan 2006/7
- Site 'Preferred End State' is the Option ranked 1 in the SSG/SLC led process and described in the Pro-forma and/or SSG Output reports
- Other SSG 'End State' Options at a lower level of detail

# Overview of the Mapping Process (3)

- The 'End State' of a site is the physical condition of the site at the point at which the NDA has finished its business
- The 'End Use' is the use to which the land is put in the future after the NDA has finished its business

# Overview of the Mapping Process (4)

- Key inputs to the Mapping Process:
  - SSG/SLC Pro-formas detailing achievable End State Options for sites, aligned to a hierarchy of End Uses, (where completed; otherwise SLC/SSG Reports)
  - Formal written responses from Statutory Bodies
  - Site Programme Manager (SPM) Review Form
  - Evidence Files (SLC & SSG)

# Overview of the Mapping Process (5)

- A Mapping Report prepared on a site by site basis
- Not a re-visit of the sites' End States options assessments
- NDA End State & Preferred End State were assessed against each of 11 review issues and a review of the consultation methodology
- A higher level review of the other Options formulated in the SSG/SLC led process
- Review of the flexibility of End States against End uses

# Mapping Review Issues

- UK Discharge Strategy (DEFRA, 2002)
- ILW Strategy (UK Government statements on CoRWM)
- LLW Policy (DEFRA March 2007)
- UK Energy Review ("The Energy Challenge")
- Technical issues (Generic issues, especially from LTPs)
- Skills (Cogent Report)
- Financial (Implications of adopting different End States)
- End Dates (LTP 2006/2007 Impacts on end use options)
- Environment (NDA Strategic Environ. Assessment attributes) land, water etc at a top level only.
- Socio-economic (NDA attributes)
- Property Issues (Boundary, SSSIs, neighbouring BE sites etc)

# Output of the Mapping Report

- Top line statement on how NDA End State (2006 Strategy) maps against the issues.
- Top tier assessment on extent to which SSG's Preferred End State is more or less consistent with the policy/strategy than the NDA End State.
- Where required, incorporation of comments/Clarifications from the subsequent Stage 3 Workshops (in a separate Appendix).

# Stage 3 Workshops

## Invitees:

- Environmental Regulators
- Safety regulators
- Local Authorities (NuLEAF, COSLA in Scotland)
- UK Government (DTI, Scottish Executive, Welsh Assembly)
- NDA Specialists
- Recorders for notes and Workshop Output Report
- Separate sessions for the Magnox sites and the UKAEA sites in England

# Stage 3 Workshop Output (1)

Agreed Position Statement on each Mapping issue for the NDA and SSG End States, Live on screen;

Example

(UK discharge strategy & CoRWM Strategy)

	<i>NDA End State in 2006-2007 Lifetime Plan</i>	<i>SSG Option</i>	<i>Workshop Agreed Position Statement</i>
UK Discharge Strategy	Already addressed by site (doses below threshold of optimisation 20 uSv/yr). Low discharges in achieving the End State and from the final End State. Discharges managed in accordance with BPEO/BPM. No significant impacts on Discharge Strategy expected.	No difference to NDA End State. Discharges from final end state site with site licence in place as proposed by SSG depend on end use only, not end state.	
ILW strategy	No ILW involved at site. UF <sub>6</sub> and MDU are currently stored as a zero value asset and disposed of in 2120 if no other use is found. Disposal routes addressed by CoRWM.	No difference to NDA End State. Assumptions in option process include "All stored material removed from site" (Note nuclear processing use by others may preclude this)	

# Stage 3 Output (2)

- An agreed Position Statement on the SSG End State Example.

The workshop accepts the End State defined by the SSG/SLC subject to the assumptions listed against the mapping review issues, and subject to the clarification of the position with regard to low level waste disposal on site and the availability of suitable waste disposal routes (off site).

- In most cases, the Workshops showed a *general* consistency between what the NDA's March 2006 Strategy stated as the End States for each site and what the SSGs' generally aspired to in the consultation process...there were no significant "surprises" from the site consultation process.....
- Requests for points of clarification from the Sites...

# Stage 3 Output (3)

A separate Dedicated workshop was held to:

- Consider points of clarification received from the sites and arising from the Stage 3 Stakeholder Workshops.
- Draft agreed End State Definition for each site
- Generic End State conditions for the Magnox sites

# Stage 3 Output (4) Draft End State

- Provide consistent terminology across all the Magnox sites.
- Consider the most relevant SSG and Regulatory issues, contaminated land, delicensing etc. consistently across the sites.
- After seeking clarification, take account, where possible, of specific SSG aspirations at each site.
- Include a statement on the issue of End Use at each site.

# Stage 4.....*today*.....

- NDA reconciliation team is now holding regional sessions for selected stakeholders to review the findings of the Stage 3 and provide comments and feedback.
- This is an opportunity to provide further comment on the final End State Draft definitions from Stage 3.
- Also close out outstanding clarifications.
- Output will be a End State definition for each site that will be incorporated in the final NDA End States Reconciliation Pack.
- The reconciliation pack will appear on the NDA web site and be used to recommend the End States to the NDA Board.

# Stage 4 Feedback

## Cumbria sites

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