

NATIONAL DOSE ASSESSMENT WORKING GROUP

PAPER 2-01: SUMMARY OF AGREEMENTS AND ACTIONS FROM 1ST MEETING

1st Meeting held on 24th April 2002, Aviation House London.

1. Present

Chair	John Cooper	NRPB	
Regulators/agencies	Rob Allott, John Titley	EA	
	Richard Burt, Stuart Conney, Zitouni Ould-Dada	FSA	
	Patrick Stephen	NII	
	Andrew Macpherson	DEFRA	
	Nancy Lawton	DTI	
	Cathy Griffiths	RWMAC	
	Julie Tooley	SEPA	
	Ken Ledgerwood	Dept Environment (NI)	
	Havard Prosser	National Assembly for Wales	
	Will Munro	FSA Scotland	
	Industry	Tim Parker	BNFL
		Laurence Austin	BNFL Magnox
		Michael Gaunt	Rolls-Royce
Scott Denyer		Amersham plc	
Specialists/NGOs	Steve Jones	Westlakes Scientific Consulting	
	Barrie Lambert	NGO	
	John Hunt	CEFAS	
Secretariat	Mike Thorne	Consultant	
	Jane Simmonds	NRPB	
	Ciara Walsh	NRPB	

Apologies: Philip Day

2. Role of NDAWG

The scope of this working group was agreed:

Prospective and retrospective assessments of routine operations

Retrospective assessment includes studies to assess compliance with dose limits but (at least initially) does not include dose reconstruction studies. This does not preclude NDAWG from commenting on dose reconstruction studies. Initially the group will not be concerned with accidental releases or solid waste disposal.

Papers distributed among the group are considered publicly available. However, if required, papers can be marked to indicate 'not for distribution'.

3. Terms of Reference

The agreed terms of reference of the group are:

- To facilitate the exchange of data and views between all parties on assessment methodologies.
- To advance the understanding between groups who are likely to have differing objectives and views on dose assessment methods.
- To meet on a regular basis (every 6 months) to discuss matters of mutual concern, and developments arising out of research, case histories (eg, recent consultations) or changes in government policy.
- To identify and co-ordinate research which will progress dose assessment methods.
- To initiate debate beyond the group on key issues, as necessary (for example via the Society for Radiological Protection).
- To keep abreast of international developments on dose assessment methodologies, and to provide feedback to the appropriate UK authorities for input into EU bodies.

4. Administrative matters

Meetings will be held every six months.

The meeting locations will be in the London offices of the FSA, the EA or DEFRA.

A website will be created to publicise the group and its activities.

The method of distributing papers will be via e-mail.

A hard copy periodic report would be produced when there is sufficient content to warrant it.

A progress review will be on the agenda for all meetings

If any member of the working group cannot attend a meeting, an appropriate replacement is acceptable taking into account any wider interests the member is representing.

5. Links with other groups

Links will be established with the following groups (through common members)

RADREM

Working Party on Radionuclides in Food

RWMAC (Cathy Griffiths)

COMARE (John Cooper - Secretariat)

ADMLC (NRPB, Zitouni Ould-Dada)

International Union of Radioecology (Mike Thorne)

CERRIE will be notified (Andrew Macpherson)

6. Membership of working group and steering committee

As there is no Greenpeace representation on the working group, Andrew Macpherson will speak to Greenpeace representative on CERRIE (ACTION 1.1- Andrew Macpherson)

It was agreed the Local Authorities should be represented on the working group, and the secretariat is to identify a suitable candidate with suggestions welcome from the Group. (ACTION 1.2- Secretariat)

The Scottish Executive is to be invited to join the working group (ACTION 1.3- Secretariat).

The steering group membership should include a representative from industry and a NGO. Interested parties should e-mail the secretariat by 8th May 2001 (ACTION 1.4- All)

The issue of wider involvement will remain an agenda item for future meetings.

7. Sub Group on Retrospective Assessments

Rob Allott (EA), will lead a sub group on retrospective assessment of doses. It is envisaged that this sub-group will review the EA funded study to develop a methodology to assess population doses from multiple sources and exposure pathways of radioactivity and possibly steer a future trial. Use of measurement data is also part of the sub groups remit. Julie Tooley (SEPA), Tim Parker (Industry Representative), John Hunt (CEFAS) and Jane Simmonds (NRPB) volunteered to be members of the sub-group and the FSA also wishes to be included on the group.

Terms of reference will be formulated by the secretariat and e-mailed to the group for comments by 08.05.02 (ACTION 1.5 Secretariat). The Chair of the sub-group will then make the necessary arrangements for any meetings etc. (Action 1.6 Rob Allott). A report from the sub group will be presented at the next NDAWG meeting.

8. Sub Group on Uncertainty and Variability

Zitouni-Ould Dada (FSA), will lead this sub group whose remit will include uncertainty and variability, establishing compliance with dose limits and constraints and presentation of probabilistic results to the public. Cathy Griffiths (RWMAC), Mike Thorne (Independent), Steve Jones (Independent) volunteered to be members of the sub-group and representatives from NRPB, EA and NII will also be included on the group.

Terms of reference will be formulated by the secretariat and e-mailed to the group for comments by 08.05.02 (ACTION 1.7 Secretariat). The Chair of the sub-group will then make the necessary arrangements for any meetings etc. (Action 1.8 Zitouni Ould-Dada). A report from the sub group will be presented at the next NDAWG meeting.

9. Sub Group on Habit Data

It was decided that a sub group on habit data was not needed initially. There is a meeting planned between FSA, EA and NII to co-ordinate work on habit data in Jan/Feb 2003. A representative from SEPA and DoE(NI) will also attend.

Following that meeting, a sub group will be established, if required.

10. Priorities for future meetings

The following topics will be discussed at the next meeting:

- ICRP fetal dose coefficients – NRPB draft advice on their application
- Direct radiation doses from sites – NII position, the possible use of contour maps
- Principles for the assessment of public doses (EA to circulate draft prior to the meeting)

Progress towards achieving greater transparency and consistency in dose assessments should also be an agenda item at each meeting. The list of topics for future meetings will be considered a 'live list'. Topics can be added to this list when required, and topics currently being addressed will be in italics. Two topics were added to this list at the meeting, and the revised list is given below:

- *ICRP fetal dose coefficients – NRPB advice on their application*
- *Direct radiation doses from sites – NII position, the possible use of contour maps*
- Habit surveys and data – suggested sub-group
- Issues for Amersham and small users
- The use and calculation of collective doses
- The use of measurements for dose assessment, modelling and model validation
- Breast fed infants – possibly when ICRP report produced
- Scenarios for estimating and presenting doses to members of the public
- Updates in modelling e.g. developments in marine dispersion modelling at NRPB and CEFAS
- *Uncertainty and variability in critical group doses*
- *Probabilistic modelling*
- Short term releases
- The assessment of doses due to the use of sewage sludge containing radionuclides
- Assessment of doses due to short term releases
- Dose assessment methodologies
- The use of the atmospheric dispersion model ADMS
- Compatibility of dose coefficients and habit data
- Presenting data to the public

11. Date of next meeting

The next meeting will be held in October/November 2002, Venue to be decided. (Action 1.9 Secretariat to trawl for suitable dates).

12. Summary of Actions

Action 1.1 Andrew Macpherson to speak to Greenpeace representative on CERRIE regarding a representative to join NDAWG

Action 1.2 Secretariat to identify a suitable Local Authority candidate to join NDAWG

Action 1.3 Secretariat to invite a representative of the Scottish Executive to join NDAWG

Action 1.4 Industry and NGO representatives to e-mail the secretariat by 08.05.02 if interested in joining the steering group

Action 1.5 Secretariat to formulate and circulate draft terms of reference for the sub group on retrospective assessments by 08.05.02

Action 1.6 Rob Allot as chairman of sub group on retrospective assessments to make the necessary arrangements for any sub group meetings

Action 1.7 Secretariat to formulate and circulate draft terms of reference for the sub group on uncertainty and variability by 08.05.02

Action 1.8 Zitouni Ould-Dada as chairman of sub group on uncertainty and variability to make the necessary arrangements for any sub group meetings

Action 1.9 Secretariat to trawl for suitable dates for the next NDAWG meeting

NDAWG Secretariat 23 May 2002