NATIONAL DOSE ASSESSMENT WORKING GROUP: FUTURE WORK PROGRAMME

It was decided that it rather than just maintaining a list of topics and deciding at each meeting what should be discussed at the next one, a future work programme would be developed. A list of topics for consideration at the next meetings was prepared by the Steering Committee and distributed for voting on by the members. The results are shown below, indicating a wide range of views within the members who responded.

	Steering	Respondent A	Respondent B	Respondent C	Respondent D	Respondent E	Respondent F	Respondent G	Respondent H	Respondent I	Respondent J	Respondent K	**Mean**	**Standard Deviation**	**Median**
Principles for the assessment of public dose	1	1	1	1	1	4	11	1	2	1	1	8	**2.9**	**3.3**	**1**
Presentation of doses to the public	4	3	2	2	3	5	1	5	3	4	2	3	**3.0**	**1.2**	**3**
Dose assessment methodologies	14	5	4	6	12	6	4	2	1	3	4	1	**5.6**	**4.0**	**4**
Presenting data to the public	13	3	2	11	12	7	1	4	3	5	3	2	**5.7**	**4.2**	**4**
Issues for small users including Amersham	9		5	9	5	10	6	3	11	6	5	12	**6.3**	**2.9**	**6**
The use of measurements for dose assessments, modelling and model validation	8	6	3	7	6	9	8	10	4	2	6	11	**7.0**	**2.7**	**6**
Marine modelling developments	6		6	10	6	3	9	6	8	7	12	10	**6.7**	**2.5**	**6.5**
Habit data surveys	2	8	8	3	2	2	12	9	5	12	7	9	**6.3**	**3.7**	**8**
Sewage sludge dose assessments	3		12	5	9	1	3	8	9	13	13	7	**6.3**	**4.2**	**8.5**
Short term releases	5		9	4	4	13	10	7	10	8	8	5	**7.8**	**2.9**	**8.5**
The use of ADMS	7		7	8	6	12	7	14	10	10	11	6	**9.0**	**2.7**	**9**
Breast-fed infants – if ICRP report issued	10		10	13	10	8	5	11	7	9	9	4	**9.5**	**2.6**	**9.5**
Compatibility of dose coefficients and habit data	11	7	13	12	11	11	10	12	12	11	10	13	**10.9**	**1.6**	**11**
The use and calculation of collective dose	12	2	11	14	12	14	13	13	6	14	14	14	**11.3**	**3.8**	**13**

When analysing the results the votes of the steering committee was not considered, and the median was used to rank the topics.

The proposed future work programme is shown below:

Topics currently under consideration

Uncertainty and variability in critical group doses + Probabilistic modelling	*Sub-group set up*
Estimation of total retrospective dose	*First meeting + Sub-group set up*
EA, SEPA, DOE, NRPB, FSA Principles for the assessment of prospective public doses	*First meeting + Possible 3rd meeting*

Additional Topics for Second Meeting

Direct radiation doses from sites including NII position and the possible use of contour maps.

ICRP fetal dose coefficients – NRPB advice on their application

Topics for Future Meetings

- Studies and experience relating to the presentation of radiation doses to the public *(Possible meeting 3 in 2003)*.
- Methodologies available for carrying out dose assessments – differences, similarities and possible harmonisation *(Possible meeting 4 in 2003).*
- Presenting data such as the results of dose assessments, probabilistic results and data used in assessments to the public *(Possible meeting 4 in 2003).*
- Dose assessment issues for small users including Amersham *(Possible meeting 5 2003).*
- The use of measurements for dose assessments, modelling and model validation *(Possible meeting 5 2004)*
- Modelling developments and studies relating to the transfer of radionuclides in the marine environment *(Possible meeting 6 2004).*
- Obtaining habit data through surveys and the use of such data *(Possible meeting 6 2004).*

- Methods and data required to assess doses from radionuclides disposed of in sewage, including the use of sewage sludge *(Possible meeting 7 2004).*
- Particular problems associated with assessing doses from short term releases *(Possible meeting 7 2005).*
- Modelling the dispersion of radionuclides in the atmosphere, particularly experiences in using ADMS *(Possible meeting 8 2005).*
- The need to consider the transfer of radionuclides to breast-fed infants – if ICRP report issued *(Possible meeting 8 2005)*
- Compatibility of dose coefficients for ingestion and inhalation and related habit data *(Possible meeting 9 2006)*
- The use and calculation of collective dose *(Possible meeting 9 2006)*