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INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION

Meeting of Main Commission and Chairmen of Sub-Committees at the University,
Frue Plads, Copenhagen, on Saturday, 18th July, 1953, at 9.30 a.m.

Present:-

Professor J.C. Jacobsen (Hon. Chairman)
 Sir Ernest Rock Carling (Chairman)
 Mr. W. Binks (Secretary)
 Dr. A.J. Cipriani
 Professor G. Failla (Chairman of Sub-Committee I)
 Dr. R. Jaeger (Also Chairman of Sub-Committee III)
 Professor W.V. Mayneord (Also Chairman of Sub-Committees
 IV and V)
 Dr. K.Z. Morgan (Chairman of Sub-Committee II)
 Professor R.M. Sievert
 Professor R.S. Stone
 Dr. L.S. Taylor
 Dr. M. Tubiana

1. The Minutes (ICRP/53/12) of a meeting held on 15th July, 1953, were confirmed and signed after making one small amendment on page 5. At the end of the first sentence of paragraph 4, add "as personnel monitoring".
2. The Minutes (ICRP/53/17 and ICRP/53/18) of meetings held on 16th July, 1953, were confirmed and signed.
3. International Organisation for Radiological Protection

The Chairman reported that he and Professor Sievert had spent several hours trying to redraft the memorandum but they had not been able to complete this. He hoped it would be possible to circulate it during the following week. (It was not possible to complete this memorandum during the Congress and accordingly it was suggested to members that this be circulated at a later date.)

Dr. Taylor said it would be helpful if some kind of authoritative statement could be made, putting forward the views of the Swedish Insurance Companies, thereby indicating that some reputable organisation would support it. Professor Sievert said that the Swedish companies had replied to several questions which he had raised. The answers would be included in the memorandum.

4. Proposed rules governing the selection and work of I.C.R.P.

The Commission accepted the amendments given in paper ICRP/53/16.

5. Revision of Recommendations of the Commission.

- (a) The Secretary was asked to prepare a general introduction to the Recommendations. This was to include some general definitions and a large fraction of the introduction (definitions) of I.C.R.U. report.
- (b) There was to be a limited bibliography at the end of the report of each Sub-Committee.
- (c) Each Sub-Committee report should include any definitions relative to its own field.
- (d) All sections of the report would have the same status. Thus, the section on permissible amounts of radioisotopes would now attain the status of I.C.R.P. Recommendations.

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6. Report to International Executive Committee (ICRP/53/19).

The draft report of the Commission to I.E.C. was discussed.

- (a) Professor Failla suggested that the section dealing with the report of his Sub-Committee be amended to include reference to the rem. It was agreed that Professor Failla and the Secretary should make these amendments to accord with the report ICRP/53/20 of Sub-Committee I.
- (b) The Chairmen of Sub-Committees II, III, IV and V regarded the proposed statements about the work of their respective Sub-Committees as satisfactory.
- (c) As regards the new Sub-Committee to deal with the handling of radioisotopes and disposal of radioactive waste, Dr. Cipriani accepted the nomination as Chairman. The other persons nominated for membership of the Sub-Committee were:-

Dr. Jamet
Dr. A. Key
Dr. W.G. Marley
Dr. E.E. Pochin
Dr. E.H. Quimby
Dr. C.P. Straub
Dr. Watkinson
Dr. F.W. Western

- (d) Dr. Taylor suggested that in Section III, dealing with the amendment of the rules of I.C.R.P., it should be made clear that this involved no fundamental change to the rules proposed in 1950.
- (e) The Commission instructed the Secretary to prepare a shortened version of ICRP/53/19 for the report of the Commission to the International Congress of Radiology. (Such a report was prepared and circulated to members and, following minor amendments, was read to Congress by the Chairman.)

7. X-rays from Television Sets.

The Secretary asked for instructions regarding the reply to be sent to the Nederlandsch Electrotechnisch Comité concerning X-rays from television sets. It was agreed that the Secretary should prepare a draft reply in consultation with Sub-Committee III and should later circulate this draft to members for their approval before despatching to the N.E.C.

8. Selection of members of I.C.R.P. and its Sub-Committees (1953-56).

- (a) Chairman. Sir Ernest Rock Carling was unanimously elected Chairman.
- (b) Secretary. The Commission approved the re-election of the present Secretary.
- (c) Main Commission. The following members were re-elected to serve for a further period of three years:-

Dr. A.J. Cipriani
Dr. R.G. Jaeger
Prof. W.V. Mayncord
Prof. R.M. Sievert
Prof. R.S. Stone
Dr. L.S. Taylor
Prof. M. Tubiana

The following new members were appointed:-

Prof. G. Failla
Prof. H. Holthusen
Prof. J.C. Jacobsen
Dr. K.Z. Morgan

(d) Sub-Committees I to V.

The following persons were suggested for membership of Sub-Committees I to IV:-

Sub-Committee I (Permissible dose for external radiation)

G. Failla (Chairman)
L. Bugnard
D.G. Catcheside
J.C. Jacobsen
J.F. Loutit
H.J. Muller
R.M. Sievert
R.S. Stone
Shields Warren

Sub-Committee II (Permissible dose for internal radiation)

K.Z. Morgan (Chairman)
A.M. Bruce
A.J. Cipriani
W.H. Langham
L.D. Marinelli
W.G. Marley
G.J. Neary
E.E. Pochin

Sub-Committee III (Protection against X-rays generated at potentials up to 3 million volts)

R.G. Jaeger (Chairman)
S. Benner
C.B. Braestrup
C.E. Eddy
H. Holthusen
A. Morrison
W.J. Oosterkamp
E.E. Smith
H.O. Wyckoff
J. Zakovsky

Sub-Committee IV (Protection against X-rays above 3 million volts, β -rays and γ -rays, heavy particles (including neutrons and protons))

W.V. Mayneord (Chairman)
L.H. Gray
H.E. Johns
H.W. Koch
P. Lamarque (or M. Tubiana)
J.S. Laughlin
J.S. Mitchell
B. Moyer
C.A. Tobias
F. Wachsmann

Sub-Committee V has already been referred to under section 6(c) of these Minutes.

9. Allocation of funds assigned to I.C.R.P. by C.I.O.M.S. for secretarial expenses.

It was agreed that the Secretary could use the \$ 250 from C.I.O.M.S. for secretarial expenses.

10. Professor Sievert suggested that I.C.R.P. and I.C.R.U. should be combined, thus giving an indication to the International Congress of Radiology of the desire to co-ordinate the efforts of the two Commissions. This fusion might then lead naturally to the formation of a new organisation. The Chairman pointed out that the two Commissions were already closely linked. Professor Mayneord agreed with this view and stressed that even if the present Units Commission were assimilated under a new protection organisation, there would still be a need for a separate Units Commission to deal with radiological units other than those required for protection purposes. Dr. Taylor thought that a common bond between the two Commissions already existed. As regards future financing, he felt that the main burden would arise from radiological protection rather than units. The Chairman said that the predominant partner would be radiological protection and any appeal for finances must be based on the need to promote radiological protection measures.

Professor Mayneord pointed out that if the two Commissions were fused at this stage, it would be necessary to prepare new Constitutions for approval by the Congress.

The Chairman asked members to give further consideration to this matter during the next year or so, when it could be reviewed. He added that if it should be necessary for I.C.R.P. to meet between Congresses, I.C.R.U. would be informed and invited to join I.C.R.P.

11. Release of new Recommendations of I.C.R.P.

The following approximate timetable was agreed:-

- (a) Sub-Committees to submit their final reports to the Secretary for incorporation in the revised Recommendations to be circulated to members of the Main Commission before 31st December, 1953.
- (b) Publication of the new Recommendations in April, 1954.
(The Secretary to give national delegations as much notice as possible in advance of the publication date.)