October 7, 2004

AGENDA
154th ACNW MEETING
OCTOBER 19-21, 2004

TUESDAY, OCTOBER 19, 2004, NRC AUDITORIUM, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

WORKING GROUP REVIEW OF THE INTERNATIONAL COUNCIL ON RADIATION PROTECTION (ICRP) JUNE 2004 RECOMMENDATIONS

1) 8:30 - 8:40 A.M. Opening Statement (Open) (MTR/JTL)
The ACNW Chairman will open the meeting with brief opening remarks.

The Working Group Chairman will state the Working Group Meeting (WGM)objectives and provide a technical session overview. Invited experts will also be introduced at this time.

WGM Purposes
The purposes of the WGM are: (1) to develop the information necessary to provide a letter report to the Commission; (2) to understand the technical bases for the draft June 2004 ICRP recommendations; (3) to review these recommendations against current NRC regulations and practice; and (4) to identify aspects of the ICRP recommendations that may warrant further study.

2) 8:40 - 9:10 A.M. NRC Staff Overview of June 2004 ICRP Recommendations (Open)
2.1) Don Cool, NRC, will provide an overview of the June 2004 draft ICRP recommendations.
2.2) Discussion

3) 9:10 - 10:00 A.M. Biological Aspects of Radiation Protection (Open)
3.1) Presentation by an expert familiar with the radiation biology foundations of the ICRP recommendations. The emphasis of this presentation is on the extension of previous knowledge based on ongoing studies of radiation exposure cohorts.

10:00 - 10:15 A.M. ***BREAK***

4) 10:15 - 11:15 A.M. Update on ICRP Recommendations regarding Quantities Used in Radiation Protection (Open)

4.1) Presentation by Keith Eckerman, ORNL, an expert familiar with the ICRP recommendations regarding radiation and tissue weighting factors and applications of factors for external exposure. The focus of this presentation will be on the new values derived and what has changed significantly since 1990.

4.2) Discussion

5) 11:15 - 11:45 A.M. Public Comments (Open)
Attendees to be provided an opportunity to make comments relevant to the purposes and objectives of the Working Group.

11:45 - 1:00 P.M. ***LUNCH***

6) 1:00 - 3:30 P.M. Individual Protection (Selection of Constraints) (Open)
Individual presentations or panel discussions with focus on the draft ICRP recommendations regarding limits and constraints. This technical session will focus on selection of constraints and limits and how such selections have been implemented and developed in the radiation protection practices in the United States. The thrust of this panel will be a discussion as to whether the 2004 draft recommendations imply significant change.

1:00 - 1:30 P.M. 6.1) Overview on major issues regarding limits and constraints; differences between 10 CFR Part 20 and the draft ICRP recommendations - Vince Holahan, NRC

1:30 - 2:00 P.M. 6.2) Presentation on EPA's Views on the New ICRP Recommendations - Michael Boyd (EPA)

2:00 - 2:30 P.M. 6.3) Presentation by Edgar Bailey (CRCPD)

2:30 - 3:00 P.M. 6.4) Presentation by Richard Vetter (Mayo Clinic)

7) 3:00 - 3:30 P.M. Public Comments (Open)
Attendees to be provided an opportunity to make relevant comments consistent with the purposes and objectives of the Working Group.

3:30 - 3:45 P.M. ***BREAK***

8) 3:45 - 5:00 P.M. Optimization of Protection (Open)
This technical session will examine the principles of optimization of protection in the June 2004 draft ICRP recommendations and how these principles are related to the current practices of ALARA in NRC regulated activities.

3:45 - 4:15 P.M. 8.1) Presentation by Don Cool, NRC

4:15 - 4:45 P.M. 8.2) Presentation by Dana Powers, a member of the Advisory Committee on Reactor Safeguards (ACRS)

9) 4:45 - 5:15 P.M. Public Comments

10) 5:15 - 5:30 P.M. Discussion of items for a possible letter report

11) 5:30 - 5:45 P.M. Closing Comments (Open) (MTR/NMC)
The Working Group Chairman will summarize the results of the Working Group and discuss possible follow-up activities.

5:45 P.M. Adjourn

WEDNESDAY, OCTOBER 20, 2004, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

12) 10:00 - 10:05 A.M. Opening Statement (Open) (MTR/JTL)
The Chairman will make opening remarks regarding the conduct of today's sessions.

13) 10:05 - 11:30 A.M. Update on the Status of the License Termination Rule (LTR) (Open) (MTR/RKM)
The Committee will receive an update by a representative of the NRC staff on the status of activities involving the LTR.

11:30 - 1:00 P.M. ***LUNCH***

14) 1:00 - 2:30 P.M. Consolidated Issue Resolution Status Report (Open) (MTR/MPL)
The Committee will receive an update from a representative of the NRC staff on the current status of the Consolidated Issue Resolution Status Report.

15) 2:30 - 4:30 P.M. ACNW 2005 Action Plan (Open) (MTR/JTL)
The ACNW Committee will continue its discussion of potential topics for inclusion in the 2005 Action Plan.

THURSDAY, OCTOBER 21, 2004, CONFERENCE ROOM 2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND

16) 8:30 - 8:35 A.M. Opening Statement by the ACNW Chairman (Open) (MTR/JTL
The Chairman will make opening remarks regarding the conduct of today 's session.

17) 8:35 - 11:45 A.M. Preparation of ACNW Reports (Open) (All)
The Committee will discuss potential reports on:
17.1) UO_2 Dissolution (RFW/RPS)
17.2) Report on September 2004 Igneous Activity Working Group (MTR/MPL)

17.3) Draft ICRP Standard (MTR/NMC)
17.4) Report on License Termination Rule Update (MTR/RKM)
17.5) Consolidated Issue Resolution Status Report (MTR/MPL)

18) 11:45 - 12:00 Noon Miscellaneous (Open)
The Committee will discuss matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

12:00 Noon Adjourn 154th ACNW Meeting

NOTE:

- **Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.**

- **Thirty-five (35) hard copies and (1) electronic copy of the presentation materials should be provided to the ACNW.**

- **ACNW meeting schedules are subject to change. Presentations may be canceled or rescheduled to another day. If such a change would result in significant inconvenience or hardship, be sure to verify the schedule with Mr. Howard Larson at 301-415-6805 between 8:00 a.m. and 4:00 p.m., several days prior to the meeting.**

ACNW	ACRS/ACNW	ACRS/ACNW	**FILED: WB-170**
HJL/NMC/bjw	JHF	JMG	
10/ /04	10/ /04	10/ /04	