

TO: All Members of ANSI C95.4

October 5, 1977

FROM: Arthur W. Guy, Chairman

SUBJECT: ANSI C95.4 Meeting in Airlie, Virginia

A meeting of the ANSI C95.4 subcommittee will be held on October 30, 1977 (Sunday) at 2000 hours in the Studio Room of Airlie House, Airlie, Va. The time and location of the meeting were chosen to coincide with the 1977 International Symposium on the Biological Effects of Electromagnetic Waves sponsored by the International Union of Radio Science (URSI) and by the U. S. National Committee (USNC) to be held October 30 - November 4, 1977 at Airlie House, Va. There will be no registration fee for attending the ANSI C95.4 meeting.

It is requested that those members who have not yet joined one of the working groups be prepared to do so at the meeting.

AGENDA

1. Approval of the minutes of the meeting of October 12, 1976.
2. Discussion of the agenda.
3. Collection of reports from the working group chairmen concerning the literature search.
4. Discussion of procedures and criteria for setting of the protection guide after the literature review.
5. Future activities and assignments.

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Minutes of Meeting
 Review of Current ANSTI "Std" every 5 yrs
 reaffirmed 1974
 need by 1979!

- weaknesses: 1. factor of 1000 from Soviet
 2. broad freq.
 3. doesn't address hi pulses
 (based on average power)
 4. General pop. & occupat. exposure

Scanner Instructions

also Key Descriptors List

NIOSH
 Cit. Doc.
 to appear FY79
 Biblio 9th Suppl.

Looking at Scientific literature

- WG's Chmn → 5 Working groups
- (Ed Hunt) → 1. Lit. assessment (Surveillance & Reliability) ~~Assessment~~ "Assessment of..."
 - (Fred Cairns) → 2. effects at hi pulse power (peak power effects)
 - (Curt Johnson) → 3. Low level effects
 - 4. Freq. below that at which body is resonant (low freq < 80 MHz)
 - (Bill Guy) → 5. Dosimetry (SAR = Specific Absorption Rate)
 - (Henry Rechen) → Occupat. Exp. Group
 ask for his philosophical review

How to extrapolate results to man?
 Should they be extrap?
 Can only peak power be considered?
 Consider only thermal effects?
 Consider effects as peak power or modulation effect?

Selected 77 as pot. candidates of ed first 5 packages

Acoustic Pulse requires 40 uJ/sec

Saul's Questions

1. How to detn bio-detrimental points for man?
2. When is an effect a hazard " " ?
3. How to crank in risk factors (risk/benefit anal.)?
4. How to translate animal data to an acceptable exposure level for man?
5. Should we have 2 stds? (std for general public & occupational exp. std?)
6. Freq. dependence? ← Should std be ?
7. peak/pulse power? ← " " consider ?

Myron Varon's Comment re: never really solve the problem, only deal with the (best) avail. data avail at this point