

1 Committee organization and procedures

1.1 Approval of the Agenda

Agenda was unanimously approved.

1.2 Membership and attendance

Self-introductions were made, attendance taken, and it was determined that a quorum was present.

1.3 Approval of the Minutes

In review of the Minutes of September 13, 2000 it was pointed out that (1) μ , the linear attenuation coefficient should replace the square in the table that compared radiation detectors used in Europe and the US and (2) Thomson is the correct spelling not Thompson. Motion to approve JT-32 corrected minutes, Seconded. Motion carried to approve minutes as presented.

1.4 Correspondence

No correspondence was received.

1.5 EDSC

EDSC report: Linda Coyle succeeded Mr. Moffit as chair of JT-7

2 International Safety Standards

2.1 IEC 61965 Impact Testing Standards Status

IEC 61965 is in process of being published.

2.2 Laminated film on CRT Faceplate / IEC-WG-2

The latest information will be reported at the following TC39/WG2 meeting in Scottsdale, Arizona.

2.3 IEC/TC-39WG2 / X-Radiation Standard Task Force Report (prepared by Michael Chenoweth)

Mr. Chenoweth demonstrated an attenuation model that was based on stochastic interactions. By integrating the differential $\frac{df}{f} = -\frac{N\sigma dz}{1}$ one obtains, by having σ constant, $n = n_0 e^{-N\sigma x}$ where $-N\sigma$ is the total of the absorber's cross section of atoms in

1 cm³ is equivalent to μ , the linear attenuation coefficient. or $n = n_0 e^{-\mu x}$. He also felt that total linear coefficient consists of photoelectric and Compton effects and Rayleigh scattering.

He also indicated that the source –shield-detector configuration of a broad, parallel beam source, slab shield described current testing for absorption coefficients.

An active discussion ensued on the issues that Mr. Chenoweth described; his studies will continue. Copies of his presentation will be available on the ECA web site. **Action item.**

3 Standards and document review

None required at this time.

4 Environmental issues

The Environmental Issues Council of EIA reported that the allowable lead level has been reduced to 100 lb/y by the EPA thus requiring a new reporting schedule.

5 New Business

No new business was offered.

6 Presentation on implosion testing by Mr. Chumley of Techneglas

A computer model using ANSYS software for shrink band failure was used in the presentation. In addition time-lapse photography data was also shown, e.g., a scribe induced failure propagation of a crack. Mr. Chumley will send an electronic copy to Mr. Aronson for inclusion in the Minutes **Action item.**

7 Next Meeting

The next meeting will be at the SID meeting in San Jose, CA; the meetings should not be scheduled to conflict with any SID CRT sessions. Mr. Tolliver recommended Tuesday for the JT-6 and Wednesday for the JT-32 with the JT-31 meeting somewhere in between. Mr. Tinkleman will make arrangements with Mr. Goldfarb at Palisades's office in NYC for meeting rooms at the SID conference. **Action item.**

8 Adjournment

The committee moved, seconded, and unanimously agreed to adjourn at 12:39 PM.

9 Action Items

- Mr. Chenoweth will send an electronic copy of his presentation;
- Mr. Chumley will send an electronic copy on implosion modeling to Mr. Aronson for inclusion in the Minutes;
- Mr. Tinkleman will make arrangements with Mr. Goldfarb at Palisades's office in NYC for meeting rooms at the SID conference.

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This meeting was conducted in accordance with the EIA legal guidelines and the manual of organization and procedures.

Robert D. Tolliver, Chairperson
Signature on file

Michael Tinkleman, Secretary /
Bernard Aronson, Acting Secretary
Signatures on file