ANSI.

american national standards institute, inc.

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MINUTES

MINUTES: ANSI COMMITTEE, C107, ON USE AND DISPOSAL OF ASKAREL AND ASKAREL-SOAKED MATERIALS

PLACE OF MEETING: SHERATON O'HARE NORTH ROSEMONT, ILLINOIS

DATE AND TIME: MONDAY, JANUARY 12, 1976 1:00 P.M. --

TUESDAY, JANUARY 13, 1976 10:00 A.M. - 11:15 A.M.

MEMBERS PRESENT

Certified Ballast Manufacturers Association (CBMA)

N. R. Clark	Universal Manufacturing Company

Electric Light & Power (ELP)

W. E. Shoulders (Representing F. R. Lengefeld)	Union Electric Company
E. C. Edwards (Representing H. A. Onishi)	Commonwealth Edison Co.

Electronic Industries Association (EIA)

C. Tuttle	Aerovox Industries, Inc.

Institute of Electrical & Electronic Engrs., Inc. (IEEE)

E. L. Raab	General Electric Company

National Electrical Manufacturers Association (NEMA)

J. L. Butner	Sangamo Electric Company
R. D. McClain	Westinghouse Electric Corp.
J. R. Willy	McGraw-Edison Power Systems Div.

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Government

T. Kopp	Environmental Protection Agency

Individuals

D. Hillis (Representing R. L. Hauser)	Electrical Utilities Company
W. P. Papageorge	Monsanto Company
W. Philipbar	Rollins Environmental Services
A. L. Rickley	Doble Engineering Co.
L. E. Wagner	Chem-Trol Pollution Svcs, Inc.

MEMBERS ABSENT

Certified Ballast Manufacturers Association (CBMA)

E. S. Dunham	General Electric Company

Government

D. M. Crabtree	Department of the Army
Dr. K. J. Hood	Environmental Protection Agency
Dr. J. Leutritz, Jr.	Rural Electrification Admin. (REA)
W. R. Nicholas	Tennessee Valley Authority (TVA)
C. C. Travis	General Services Admin. (GSA)
Dr. S. P. Wasik	National Bureau of Standards (NBS)

Individuals

R. J. Schatz	Gilbert Associates, Inc.

OTHERS PRESENT

J. M. Booe	P. R. Mallory & Co.
K. E. Bremer	Surveillance & Analysis Div. (Environmental Prot. Agency)
W. S. Brenneman	Illinois Power Company
J. C. Brucciani	Food & Drug Administration (FDA)
G. N. Bull	General Electric Co.
R. N. Cascarano	Commonwealth Edison Co.
A. S. Corson	Ofc. of Solid Waste Mgmt. Programs (Environmental Prot. Agency)
D. L. Gebhart	Electrical Apparatus Svc. Assoc.
J. Goldstein	Environmental Protection Agency
R. L. Grinde	Burlington Northern, Inc.

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OTHERS PRESENT Cont'd

K. Klein	Energy Research & Develop. Admin.
J. J. Nay	Hevi-Duty Electric
A. D. Otte	Ofc.of Solid Waste Mgmt. Programs (Environmental Prot. Agency)
R. Rollins	Jard Company
E. R. Schlaf	Illinois Central Gulf Rd.
N. C. Sears	Sprague Electric Company
T. K. Sloat	Westinghouse Electric Corp.
R. A. Stenger	General Electric Company
P. J. Student	Bureau of Explosives, Assoc. of American Railroads
G. Wallis	P. R. Mallory & Company
J. C. Weber	Monsanto Company
H. Zar	Enformement Div. (Environmental Protection Agency)
C. R. Willmore	NEMA Staff

PRESIDING OFFICER: W. P. Papageorge, Chairman

I. APPROVAL OF PREVIOUS MINUTES OF OCTOBER 3, 1972

The minutes of the previous meeting held October 3, 1972 were approved as distributed.

II. GENERAL DISCUSSION AND BACKGROUND INFORMATION

In general discussion regarding ANSI Standard C107.1-1974 and the overall askarel problem, it was noted that since C107.1 was adopted, a number of developments have occurred that necessitate a major revision of this document.

In December 1973, the Environmental Protection Agency (EPA) came out with limits for several toxic materials. In 1974, hearings were held on effluent standards for PCBs. In 1975, the first indication that PCBs were a problem in Great Lakes' fish was revealed at a Governor's Interagency Hearing on pesticides. Also, in November 1975 at an EPA sponsored national conference on PCBs held in Chicago, considerable evidence was given to indicate that PCBs are becoming serious environmental problems. On December 22, 1975, Mr. Russell Train, Administrator for the Environmental Protection Agency, held a press conference stating that the United States must move toward totally eliminating the use of polychlorinated biphenyls as rapidly as possible, and must in the meantime, make every effort to assure that PCBs do not enter into the environment. Mr. Train's statement is attached as Exhibit A. On December 30, 1975, EPA issued a notice of proposed rulemaking to add a new Section 311 to the Federal Water Pollution Control Act covering hazardous substances, among which is listed PCBs.

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II. Cont'd:

Mr. Train has called for a meeting of manufacturer of PCBs (Monsanto) and transformer and capacitor manufacturers to be held January 14, 1976 at EPA Headquarters in Washington, D. C., and a subsequent meeting of users of equipment containing PCBs to be held January 22, 1976.

Mr. Papageorge (Monsanto) and Mr. Kopp (EPA) both stated that EPA does want the Toxic Substances Control Act passed by Congress. Mr. Kopp stated that EPA cannot wait for the passage of such an action, therefore, will work within the framework of existing laws. Mr. Kopp summarized the situation as follows:

1. How can we stop PCBs from getting into the waterways?

2. What can we do to control the estimated 500 million pounds of PCBs still in service?

Mr. Kopp noted that the proposed rule on water quality will be significant in helping to minimize or eliminate the discharge of PCBs into the nation's waterways. He further stated that Mr. Russell Train, EPA Administrator, realizes that the PCB problem will have to be attacked and solved on a voluntary basis without the Toxic Substances Control Act. Mr. Kopp noted that recent information involving animal studies indicates that PCBs are a suspected carcinogen, and because of this, there is a new urgency to minimizing the discharge of PCBs into the environment. One bright spot noted was that in most foodstuff PCB content appears to be going down. However, for fish, notably from the Great Lakes' region, the levels are at least static and may be going up.

Summarizing the general discussion part of the meeting it was the concensus of those present that ANSI Standard C107.1-1974 on Askarels, is definitely in need of a major revision job to include a number of items that were not as urgent when the document was originally developed.

III. FORMATION OF CAPACITOR AND TRANSFORMER WORKING GROUPS

During the course of the general discussion, it became obvious that the most effective way to begin work on revision of ANSI C107.1-1974, would be to break into two separate groups; one to consider the problems from the capacitor industry point of view, and the other from the transformer industry point of view. Attached as Exhibit B is the attendance roster for the respective groups.

III. Cont'd:

Each of the working groups were instructed to elect a Chairman who would speak for the working group and record the actions and decisions made, to then report to the main Committee on the following day.

The working groups met separately from 3:45 P.M. to 5:00 P.M. on Monday, January 12, 1976, and from 8:00 A.M. to 10:00 A.M. on Tuesday, January 13, 1976.

On Tuesday, January 13, 1976, 10:00 A.M., the main Committee convened and the working groups reported as follows:

A. Capacitor Working Group

Mr. R. Rollins was appointed as Chairman of the Capacitor Working Group and reported that their group had gone through the agenda item by item, and that the minutes for this working group would be prepared and sent to the Secretary for circulation to the entire Committee (Exhibit C). Mr. Rollins stated that in view of the magnitude of the revision job as his working group sees it, there will very definitely be the need for another meeting of the working group and the full Committee in the not too distant future.

B. Transformer Working Group

Mr. E. Raab was appointed as Chairman of the Transformer Working Group and reported that his working group had reviewed C107.1-1974 and had gone through the agenda item by item, and came to the same conclusion that Mr. Rollins did that it would very definitely be necessary to have a meeting of the working group and full Committee in the very near future. The minutes of the Transformer Working Group are to be prepared and sent to the Secretary for circulation to the entire Committee (Exhibit D).

In general discussion regarding the revision of C107.1-1974, a number of comments and suggestions were made regarding possible inclusions in the new Standard such as:

1. Possible establishment of emergency crews to be trained to handle transit problems involving PCBs.

2. Detailed information as to how to alert local fire departments and other emergency groups as to how to handle PCB spills.

3. Possible inclusion of details on "Chemtrec", Chemical Transportation Emergency Center (details in Exhibit E).

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III. Cont'd:

Various documents were distributed at the meeting are attached to the minutes:

Exhibit F, OSHA Material Safety Data Sheet from General Electric Company.

Exhibit G, OSHA Material Safety Data Sheet from Monsanto Company.

Exhibit H, EIA Spill Notification and Control Plan for PCBs.

Exhibit J, Paper from "Electra" on the Properties of Askarels and Recommendations for their Use in Electrical Equipment, prepared by Working Group 02 of Cigre No. 15.

IV. RESIGNATION OF CHAIRMAN

Mr. William Papageorge, Chairman of ANSI C107, had, prior to this meeting, notified the Secretary that due to a change in his duties with the Monsanto Company, he would be rendering his resignation as Chairman at this meeting and suggested that the Committee select a new Chairman. During the course of the meeting this item was discussed in considerable detail and the Committee was unable to come up with a candidate at this time. In view of this fact, and considering the importance and urgency of getting the revision work started, it was decided that the Committee would continue to function without a Chairman, and at the next meeting attempt to fill this position.

A number of representatives at this meeting expressed their opinions to the effect that they felt that Monsanto should supply a Chairman of this Committee.

V. TIME AND PLACE OF THE NEXT MEETING

The next meeting of the full Committee and the Transformer and Capacitor working groups was scheduled to be held at EPA Headquarters in Washington, D. C. on February 24, 1976 from 8:00 A.M. to 5:00 P.M., and February 25, 1976 from 8:00 A.M. to 12:00 Noon.

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VI. ADJOURNMENT

The Committee adjourned at 11:15 A.M. on Tuesday, January 13, 1976.

C. R. Willmore
Secretary

CRW:pmk
Attachments - Exhibits A through J

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