

INSULATED CONDUCTORS COMMITTEE

Established 1947

Fall 2011 Meeting, Denver, CO

Educational Committee

Al Mendelsohn, Chair
Pete Tirinzoni, Vice Chair



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Fall 2011 Meeting, Denver, CO

Agenda

- Welcome and Housekeeping
- CEU Credits
- Survey for Future Topics
- Educational Session Program
- Wrap-up



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ACCELERATED CABLE AGING TESTS FOR DISTRIBUTION AND TRANSMISSION CABLES- PART 1

I. Test Methods

- | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|
| – Distribution (MV) <ul style="list-style-type: none">• AEIC AWTT• Cenelec• ACLT | 30 min | <i>Ram Ramachandran</i> |
| – HV AC Extruded Dielectric <ul style="list-style-type: none">• Life exponent tests• Type tests• Qualification tests | 30 min | <i>Pierre Argaut</i> |
| – HV AC Paper Cables <ul style="list-style-type: none">• Type tests• Qualification tests | 30 min | <i>Joe Zimnoch</i> |



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ACCELERATED CABLE AGING TESTS FOR DISTRIBUTION AND TRANSMISSION CABLES- PART 1

II. Challenges in Relating Accelerated Aging Results to Service Life

20 min

Nigel Hampton

- How to relate test data on short lengths to typical field lengths
- How to extrapolate accelerated test results to service life expectancy

III. Proposed Agenda for Spring 2012 Part II on Service Life Expectance

10 min

Al Mendelsohn/Pete Tirinzoni



Proposed Agenda for Part 2 -Spring 2012

I. Test Methods for HV DC Paper and Extruded Cables

- Type tests
- Qualification tests

II. Field Aged Cable Performance Data and Correlation to Accelerated Aging Data

- MV Distribution cables
- HV Paper Cables
- HV AC Extruded Cables (?)

III. Discussion on Predictive Ability of Accelerated Aging Tests – Panel session