

Monsanto

NAME & LOCATION: David Wood-St. Louis

DEPOSITION
EXHIBIT

Papageorge 3
10-25-81 JE

March 4, 1975

VISIT TO ~~TRANSFORMER~~ CONSULTANTS

P. O. Box 3575

AKRON, OHIO 44310

(216) 929-2847

M. Petrilli
1010

cc: D. Mellon-1010
H. Ford-1070
D. Hansen-1800
P. Slayton-1650
C. Paton
R. Munch-T1B
J. Bryant-T1B
W. Richard-T3A
W. Papageorge

For Monsanto:

D. Wood
W. B. Papageorge

For Transformer
Consultants:

Stan Myers, President
Steve C. Charnas-V.P.
Joseph Kelly) Engineering
Earl Williams)

Background:

As their name suggests, this company offers a consulting service on transformers and operates in 42 states with headquarters in Akron. They have 8 operational areas and 10 mobile laboratory/treatment teams which toured the country mainly dealing with up grade of mineral oil. To enlarge their business, they are planning to hold 3 seminars this year, each 3 days: Cleveland, May; Chicago, June; Houston, Aug./Sept. Approximately 1/2 day of seminar will be on askarel so we thought it wise to discuss the latest status with them. Bill and I talked to an assembly of approximately 15 engineers. They will have supplies of the reprinted Transformer Guide for their seminar. They expect 30-50 engineers from major transformer users at each seminar. We may want to observe Cleveland Askarel session to make sure statements in tune with background we gave them. If we can get a look at material ahead of time, that would be great.

Mike, you will want to introduce yourself to these people and we told Stanley Myers that you would phone or call on them shortly.

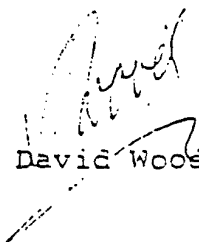
There will not be much direct business from these folk, but they can be important in keeping askarel transformer situations in proper perspective. I ask other areas to let you know if TC activities have any impact on their business.

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Obviously, TC are selling a treatment service, and there is from time to time friction between them and transformer producers. You may wish to check with transformer customers to get opinions on TC.

Mike, I attach TC literature.


David Woods

/deb
Attachment

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SEMINAR REGISTRATION FORM

Detach and Mail to: J.J. Kelly, Seminar Director
Transformer Consultants, P.O. Box 3575, Akron, Ohio 44310

Please register the following persons for seminar "How to Prevent the Early Retirement of Transformers." Check box for desired time:

Name	Title
Name	Title
Name	Title
Company	
Address	City State Zip
Phone	

- ☐ CLEVELAND, OHIO - MAY 19, 20, 21, 1975 #75101
☐ CHICAGO, ILLINOIS - JUNE 9, 10, 11, 1975 #75102
☐ HOUSTON, TEXAS - SEPT. 22, 23, 24, 1975 #75103

- ☐ Check enclosed payable to Transformer Consultants
☐ Bill Company (billing instructions enclosed)

Registration Fee: \$475 per person. Includes tuition, course materials, 3 nights lodging, and three noon meals. Registrations cancelled less than one week prior to the Seminar date are subject to \$25.00 charge.

Stanley D. Myers, graduate Electrical Engineer from the University of Akron, Akron, Ohio, founder and Chief Executive Officer of Transformer Consultants, has been active in the electrical maintenance field for over 30 years. During this time, he has gathered an impressive array of articles, literature and books dealing with electrical maintenance procedures.

He has personally designed six different pieces of oil handling equipment used to process oils in energized transformers, and to remove sludges from heavily sludged transformers. Exhaustive tests of transformer oils, transformers and the Refining equipment used to process energized transformers has resulted in many new concepts now current in the field of transformer maintenance. The engineering articles authored and published by Mr. Myers and used as the basis of Transformer Consultants' advertising program, have wide circulation and ready acceptance. Transformer Consultant's TC 17.01, "Accident Preven-

tion Bulletin Transformers" has been printed twice and distributed world wide. Of Fortune's 500 largest corporations, over 425 have availed themselves of the services of his Company. Mr. Myers has 40 men actively engaged in this field of Transformer Maintenance and the expertise of all these men come together in this 3 day Seminar.



J.J. Kelly, Graduate of John Carroll University, Cleveland, Ohio, Seminar Director, came to Transformer Consultants from Research Center of a major rubber company in Akron, Ohio. Mr. Kelly has had opportunity of studying in detail engineering reports of over 75,000 different transformers. Diagnosing the problem areas, making corrective recommendations and reviewing the engineering results after corrective action has been taken, made Mr. Kelly an expert in this field.

ANNOUNCING

TRANSFORMER CHARLEY'S
THREE-DAY SEMINAR

"HOW TO PREVENT THE EARLY
RETIREMENT OF TRANSFORMERS"

CLEVELAND, OHIO | CHICAGO, ILLINOIS | HOUSTON, TEXAS
May 19, 20, 21, 1975 | June 9, 10, 11, 1975 | Sept. 22, 23, 24, 1975

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- How to Prevent the Early Retirement of Transformers

Two of America's most valuable assets — Transformers and Transformer Oils — have historically been neglected through lack of "reality oriented" information. Casualty Insurance company's records show that over 200,000 transformers will "Retire Early" (FAIL) this year and on an annual basis. A majority of these failures "could have been" and "can be" prevented. This Seminar will be a revelation to you and will result in the salvation of many thousands of transformers if the authoritative information provided by these three-day Seminars is put into practice.

This important subject, "How to Prevent The Early Retirement Of Transformers," has been under study for almost 20 years. Very little material of an authoritative nature is readily available. Many conflicting, speculative,

and self-serving articles abound, but an affirmative program for preventing "Early Transformer Retirement" cannot be based on these articles. This Seminar will provide you with a wealth of practical ideas to formulate the most effective means to preserve two of your most precious assets, transformers and transformer oils. Many large corporations have already adopted some of the ideas and concepts presented in this Seminar as corporate standards, and they testify to the fact that transformer losses have been remarkably reduced.

The cost of this Seminar will be returned many times over in reduced repairs and savings from possible unscheduled outages. It should be put on your MUST LIST of things to do this year.



SEMINAR OUTLINE

A complete and comprehensive engineering notebook will be presented to each Seminar registrant.

1. History of Transformers
2. History of Insulating Liquids
 - A. Oils
 1. Paraffinic
 2. Napthenic
 - B. Askarels/Synthetics
 - C. Gas Filled
3. Design of transformers
 - A. Types — Shell, Core
 - B. Purpose — Distribution, power, furnace
 - C. External Inspection
4. How transformer life is measured
5. Characteristics of Modern Transformer oil
 - Shortage
 - Acid Refined
 - Hydrofined
6. Transformer oil behavior in Energized Transformers
7. Seven meaningful tests for transformer oil in service
8. Why these tests
 - A. Classify oils
 - B. Class of oil will give picture of transformer interior.
9. How to prevent severe oil deterioration
 - A. Tests to conduct
 - B. Early action
10. Pros and Cons of Preservation Methods
 - A. Filter Pressing
 - B. Changing Oil
 - C. Repair Shop
 - D. ReRefining (Reconditioning)
 - E. Desludging
11. Running an EKG on the heart of your business
 - A. Doble Tests
 - B. Insulation Tests (Megger, TTR)
12. Cloudy and turbid oil
13. How to control panic when free water appears
14. How to dry out wet windings without power shutdown
15. Fault Gas or Gas Chromatography?
16. Askarels — The very latest information
17. Choosing the color for painting your transformers.
18. Cleaning Insulators Hot
 - A. Water Washing
 - B. Powder Blasting
 - C. Greasing
19. Infra Red Inspection
20. How to implement a preventative maintenance program

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Life Transformer Consultant

TRANSFORMER CHARLEY

TELLS ALL!

IN A THREE DAY SEMINAR

*M. P. Miller
C. Seger*

"HOW TO PREVENT THE EARLY RETIREMENT OF TRANSFORMERS"

Casualty Insurance Company records show that over 200,000 TRANSFORMERS fail ANNUALLY!! Over 75% of these "Early RETIREMENTS" could have been prevented. The information presented at this three-day seminar will pinpoint problem areas and provide practical and definite guide lines to follow. Our 20-years of on-the-job experience will show you now to prevent premature transformer failures and to preserve two of America's most valuable assets, Transformers and Transformer Oils.



**NOW SCHEDULING
CLASSES LIMITED
TO 30 PERSONS**

Write to:
J.J. Kelly, Program Director

% TRANSFORMER CONSULTANTS
P.O. BOX 3575 • AKRON, OHIO
44310

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CLEVELAND, OHIO
MAY 19, 20 & 21, 1975
Seminar # 75101

CHICAGO, ILL.
JUNE 1975
Seminar # 75102

HOUSTON, TEXAS
SEPT. 1975
Seminar # 75103

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ATTENTION CARRIER! IN CASE OF LEAK OR SPILL, CALL SHIPPER AND MONSANTO IMMEDIATELY.

88(9)M

In case of: SPILL or LEAK, phone: () _____

RETURNED

For Disposal only

SHIP TO

MONSANTO COMPANY

Department 831

SAUGET, ILLINOIS 62201

In case of: SPILL OR LEAK, call collect (618) 271-5835

DISPOSAL - The product contains Polychlorinated Biphenyls (PCBs), which are known to be toxic and may be persistent, bioaccumulative, and carcinogenic. It is important to handle this material in accordance with the applicable regulations and to dispose of it properly. Do not release this material into the environment. For more information, contact the shipper or Monsanto.

DISPOSAL INSTRUCTIONS

DISPOSAL

CAUTION - Contains polychlorinated biphenyls (PCBs), which are known to be toxic and may be persistent, bioaccumulative, and carcinogenic. It is important to handle this material in accordance with the applicable regulations and to dispose of it properly. Do not release this material into the environment. For more information, contact the shipper or Monsanto.

CARRIER ADVICE NOTICE

ATTENTION: DRIVER

This shipment contains POLYCHLORINATED BIPHENYL (PCB) which some studies have shown may be persistent, an environmental contaminant, and possibly injurious to certain forms of bird, aquatic and animal life.

Prevent any entry into the environment through spills, leakage, vaporization or otherwise. Spills and leakage must be collected.

DO NOT STORE OR LOAD with food, animal foodstuffs or pharmaceuticals. Keep containers TIGHTLY closed. In case of leak or spill, contact:

1. Shipper Telephone _____
2. Monsanto Company - call collect (618)271-5835.

IMPORTANT

DO NOT LOAD any drums which are leaking or not tightly sealed.

LOAD securely to prevent drum damage in transit.

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END

OF

DOCUMENT