

**SEVENTH ANNUAL  
JOINT UTILITY  
TRAINING WORKSHOP**

**JAN. 26, 27 & 28, 1982  
RAMADA INN  
SIOUX FALLS, S. DAK.**



**SPONSORED BY**  
**Joint Utility Training Committee (JUTS)**  
**South Dakota Electrical Council**

**January 26, 27 & 28, 1982**  
**Ramada Inn**  
**Sioux Falls, South Dakota**

**Reservations Number**  
**(605) 336-0650**

## **PROGRAM**

### **TUESDAY**

January 26, 1982

Ramada Inn

### **REGISTRATION**

10 00 a m to 12 30 p m

### **WEDNESDAY**

January 27, 1982

### **LUNCHEON**

Corridor Banquet Lobby

12 00 p m to 1 00 p m

## **SESSIONS PROGRAM INFORMATION**

Each session is designed as a 16-hour minicourse. Registration will be for one session only per individual. You will remain in that session for the entire length of the course. Some class sessions will be split to reduce class size and use laboratory facilities. Diplomas will be sent to your respective company if attendance has been continuous.

All session times will be

Tuesday	1 00 p m to 5 00 p m
Wednesday	8 00 a m to 12 00 Noon 1 00 p m to 5 00 p m
Thursday	8 00 a m to 12 00 Noon

# SESSION I

## LEADERSHIP SEMINAR

Registration Fee \$20 00

Title                    Basic Supervisory Skills  
Description            Topics will include the following

Your Organization and You  
The Adult Learning Process  
The Human Touch at Work  
The Critical Shift  
Styles of Supervision  
The Supervisor As Motivator  
The Supervisor As Counselor  
The Psychological Contract  
Complaints & Grievances

Coordinator            Frank Durant  
Instructor             Kurt Peters  
                              Montana-Dakota Utilities Co  
                              Bismarck, ND 58501

## SESSION II

### HYDRAULICS AND TRENCHER OPERATIONS AND MAINTENANCE

Registration Fee '20 00

#### **Part I**

**Title** Operator's Seminar on Hydraulic Line and Aerial Equipment

**Description** This course is designed for operators and maintenance personnel of bucket trucks, digger derricks, plus care and repair of fiberglass booms This course is flexible to the needs of the people in attendance (8 hours )

**Coordinator** Mike Mebius

**Instructors** Ron Doll, Road Machinery Sales, Minneapolis, Minn 55401  
Ron Koosman, Road Machine Sales, Minneapolis, Minn 55401  
Gordon Pynn, Road Machine Sales, Sioux Falls, SD

#### **Part II**

**Title** Operator's Seminar in Trenching Equipment

**Description** This course is designed for trencher operators and maintenance personnel This course will cover trencher operations and safety, plus maintenance of trenchers (8 hours )

**Coordinator** Mike Mebius

**Instructors** Mike Sikes, Service Mgr , Seamon Co , Milwaukee, Wisc 53202  
Merle Swanson, District Sales Mgr , Seamon Co , Milwaukee, Wisc 53202  
Jim Thilmony, Pres , TSR, Inc , Mandan, North Dakota 58554  
Steve Thilmony, V Pres , TSR, Inc , Mandan, North Dakota 58554  
Duane Kurle, Parts Mgr , TSR, Inc , Mandan, North Dakota 58554

**SESSION III**  
**UNDERGROUND AND OVERHEAD SYSTEM**  
**OPERATION AND SAFETY**

Registration Fee \$20 00

Description      Session will consist of 8 separate classes to total a 16 hour session  
Students will be rotated through three classrooms  
Course is designed for operating, maintenance and design personnel  
Students are asked to bring questions relating to the topics being discussed

**Titles and Instructors**

- 1 Primary Underground Cable Construction and Handling (2 hrs )  
Jim Clelland, Alcoa Service Corporation, Minneapolis, MN 55435
  - 2 Care and Use of Rubber Goods (1 hr )  
Art Stortroen, Otter Tail Power Co , Fergus Falls, MN 56537
  - 3 Arrestors (2 hrs )  
Paul Brown, General Electric Co , Pittsfield, MA 01201
  - 4 Transformer Connections and Safety (3 hrs )  
Doug Nelson, Border States, Fargo, ND 58102  
Dave Habicht, Border States, Bismarck, ND 58501
  - 5 Fault Indicators and Infrared Scanning (1 hr )  
Doug Nelson, Border States, Fargo, ND 58102  
Dave Habicht, Border States, Bismarck, ND 58501
  - 6 URD Switching and Grounding and New Products for Reliability (3 hrs )  
Lee Tourtelotte, The Klass Co , Minneapolis, MN 55404  
Don Carsten, The Klass Co , Minneapolis, MN 55404
  - 7 Overhead Cover-Up and Grounding and Testing for Energized Conductors (3 hrs )  
Dan Nilsen, FRESCO, Minneapolis, MN 55416  
Ron Setter, FRESCO, Minneapolis, MN 55416
  - 8 Job and Home Safety (1 hr )  
Gary Paganini, South Dakota Safety Council, Sioux Falls, SD
- Coordinators      Andy Jensen, Vic Graham, Harry Leach,  
Dean Whalen, Ernie Leesch

## SESSION IV

### OCR AND REGULATOR MAINTENANCE

Registration Fee \$20.00

#### Description

An 8-hour minicourse on testing, maintaining, and operating reclosers. We will have many different types of reclosers on hand. We also encourage you to bring a recloser with you for the workshop.

Instructors      Ed's Reclosers  
                      Ed Otto, Soloman, Kansas 67480  
                      Lawrence Gray, Soloman, Kansas

#### Description

An 8-hour minicourse on testing, maintaining, and operating regulators. A cut away regulator will be available for watching operations. Other regulators will be available for repair. A short course on voltage settings will be held.

Instructors      Allan Beyer, East River Electric, Madison, SD  
                      Frank Kuettl, NSP, Minneapolis, MN  
                      John Kiel, NSP, Minneapolis, MN  
Coordinators     Bert Voegele and Pete Swanson

## SESSION V

### NESC-ENGINEERING SESSION

Registration Fee \$35 00

#### Description

This session is designed for people in the electrical engineering field who have responsibilities for designing, operating or maintaining an electrical system. A variety of topics are covered which will give those attending exposure on many pertinent items which are of concern to the electrical industry.

#### National Electric Safety Code (NESC)

Conducted by Mr. ~~Frank Denbrock~~<sup>Frank Denbrock</sup> and Mr. Don Ruff who are both members of the ANSI C2 (NESC) committee. They will cover the background of the NESC, various sections of the code, legal considerations and conduct a brief examination at the conclusion. You are requested to bring your questions and a copy of the NESC with you. All participants will receive a copy of the 1981 NESC Review book (8 hrs)

#### Storm Management

Conducted by Mr. Don Ruff of Gilbert/Commonwealth Associates. Some of the pre-storm preparation and planning that electric utilities can do will be discussed (2 hrs)

#### Computer Estimating *Plus 19*

Conducted by Gordon Solee of Otter-Tail Power Company. This is a brief presentation on how OTP is using their computer for materials management (2 hrs)

#### Fusing

Conducted by Gene Wright of RTE Corporation. A basic fusing session that covers the types, sizes and the where, when and how of fusing (4 hrs)

Coordinator Tom Gulbranson



## SESSION VI

### RED CROSS MULTI-MEDIA (FIRST AID) & CPR

Registration Fee \$30.00

#### Description

The standard first aid course offered by the American Red Cross in the multi-media method provides solid first aid training to deal with most common emergencies. It features filmed demonstrations, guided practice sessions and programmed workbooks.

CPR trains persons to administer effective cardiopulmonary resuscitation to victims whose heart and breathing is not functioning.

Coordinator     Tom Gulbranson

Instructor     Frank Harrington, American Red Cross  
Minnehaha County Chapter, Sioux Falls, SD 57105

*NOTE* Persons taking this course will qualify to take Red Cross Instructor Orientation Course for men and women.

# **JOINT UTILITY TRAINING COMMITTEE**

## **Chairman**

Clarence V Wattnem, Lincoln-Union Electric Co , Alcester, SD

## **Vice President**

Pete Swanson, Municipal Electric Utilities, Watertown, SD

## **Secretary**

Tom Gulbranson, Northwestern Public Service, Huron, SD

## **Treasurer**

Roger Nagel, South Dakota Rural Electric Association, Pierre, SD

## **South Dakota Electrical Council**

Jack Loveland, P E , 1700 West 22nd St , Sioux Falls, SD

## **JUTS MEMBERS**

### **South Dakota Rural Electrics**

Roger Nagel, JUTS Supervisor, REC, Pierre

Ernie Leesch, JUTS Instructor, REC, Pierre

Clarence V Wattnem, Lincoln-Union Electric Co , Alcester

Mike Mebius, Tri-County Electric Association, Plankinton

Bert Voegelé, Codington-Clark Electric Cooperative, Watertown

Harry Leach, Black Hills Electric Cooperative, Custer

Duane Vlasman, East River Electric, Madison

### **Investor-Owned Electric Utilities**

Vic Graham, Northern States Power Co , Sioux Falls

Tom Gulbranson, Northwestern Public Service, Huron

Al Kubousek, Otter Tail Power Company, Milbank

Frank Durant, Montana-Dakota Utilities Co , Moberg

Everett Pompy, Black Hills Power & Light, Rapid City

### **Municipal Association**

Andy Jensen, Electric Utilities, Brookings

Pete Swanson, Electric Utilities, Watertown

Dean Whalen, Electric Utilities, Pierre

The JUTS Committee would like to thank the instructors and their companies for their participation in the Seventh Annual Joint Utility Training Workshop Without their involvement, this program would not be possible

All instructors are cordially invited to breakfast at 7 00 a m on Wednesday, Jan 27, and Thursday, Jan 28, at the Ramada Inn- *compliments of the JUTS Committee*

Allan Beyer	East River Electric Madison, SD
Paul Brown	General Electric Company Pittsfield, MA
Don Carsten	Klass Company Minneapolis, MN
Jim Clelland	Alcoa Service Corporation Minneapolis, MN
Frank Denbrock	Gilbert/Commonwealth Associates Jackson, Michigan
Ron Doll	Road Machinery Sales Minneapolis, MN
Lawrence Gray	Ed's Recloser Service Soloman, Kansas
Dave Habicht	Border States Co. Bismarck, ND
Frank Huettl	Northern States Power Company Minneapolis, MN
John Kiel	Northern States Power Company Minneapolis, MN

Ron Koosman	Road Machinery Sales Minneapolis, MN
Duane Kurle	TSR Inc Mandan, ND
Doug Nelson	Border States Company Fargo, ND
Dan Nilsen	Fresco Co Minneapolis, MN
Ed Otto	Ed's Recloser Service Soloman, Kansas
Gary Paganini	South Dakota Safety Council Sioux Falls, SD
Gordon Pynn	Road Machinery Sales Sioux Falls, SD
Kurt Peters	Montana Dakota Utilities Co Bismarck, ND
Don Ruff	Gilbert/Commonwealth Associates Jackson, Michigan
Don Setter	Fresco Co Minneapolis, MN

Mike Sikes	Seamon Co Milwaukee, Wis
Gordon Solee	Otter Tail Power Company Fergus Falls, MN
Art Stortroen	Otter Tail Power Company Fergus Falls, MN
Merle Swanson	Seamon Co Milwaukee, Wis
Jim Thilmony	TSR Inc Mandan, ND
Steve Thilmony	TSR Inc Mandan, ND
Lee Tourtelotte	Klass Company Minneapolis, MN
Gene Wright	RTE Corporation Pewaukee, Wisc