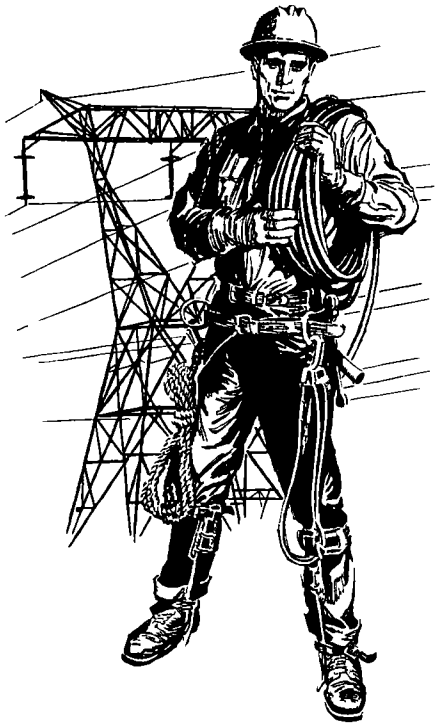


# FIFTH ANNUAL JOINT UTILITY TRAINING WORKSHOP

FEB. 26, 27 & 28, 1980

KINGS INN  
&  
HOLIDAY INN  
PIERRE, SOUTH DAKOTA



A. Hohl  
L. Dingwall  
C. Wiest  
W. Hauschild ?  
S. Fischer

SPONSORED BY  
JOINT UTILITY TRAINING COMMITTEE (JUTS)  
SOUTH DAKOTA ELECTRICAL COUNCIL

FEBRUARY 26, 27 & 28, 1980  
KINGS INN  
&  
HOLIDAY INN  
PIERRE, SOUTH DAKOTA

## PROGRAM

### TUESDAY

February 26, 1980

Kings Inn

REGISTRATION

10 00 a m to 12 30 p m

### WEDNESDAY

February 27, 1980

City Hall Community Room

LUNCHEON

12 15 p m to 1 15 p m

Welcome and Introductions:

Dennis Englestad, Charman JUTS Committee

### 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. Linemen Seminar V and VI are identical, but class sessions are held at different times 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

1.30 p m to 5 30 p m

Thursday 8 00 a m to 12.00 Noon

## SESSION I

### LEADERSHIP SEMINAR

Title: Improving Supervisory Skills

Description

Topics will include nature of leadership, knowing your employees—individual differences, understanding performance and behavior, improving three-way communication, maintaining effective discipline, handling complaints and grievances, and building job satisfaction and morale

Coordinator: Greg Sherman

Instructor Kurt Peters

Montana-Dakota Utilities Co , Bismarck, ND 58501

Location. Kings Inn

## SESSION II

### HYDRAULICS SEMINAR

Title. Operator's Seminar in Hydraulic Line and Aerial Equipment

Description

Topics to be covered include power take-offs, pumps, basic hydraulics and fluids, service and repair of fiberglass, inspections and service, and field-related problems. This course is designed for operators and maintenance personnel of hydraulic equipment. This course is flexible to the needs of the people in attendance

Coordinator Mike Mebius

Instructors. Larry Kotval - Telelect, Watertown, SD 57201

Dick Kennedy - RMS, Minneapolis, MN 55401

Ron Koosman - RMS, Minneapolis, MN 55401

Frank Mackie - RMS, Minneapolis, MN 55401

Location Holiday Inn

### SESSION III

## BASIC ELECTRICITY AND RUBBER PROTECTIVE EQUIPMENT

### Part I

Title            Basic Electricity

Description.

Basic Electricity is a 14-hour course designed to help linemen relate basic electricity to his everyday work activities such as transformers, capacitors, metering, system design, regulation and coordination

Coordinator.   Clarence Wattnem

Instructor     Dennis Merchant

Vo-Tech School, Mitchell, SD 57301

Location.      Kings Inn

### Part II

Title.           Rubber Protective Equipment

Description:

Rubber Protective Equipment is a two-hour course designed to instruct linemen in the care and use of rubber protective goods

Coordinator    Clarence Wattnem

Instructor.    George Maume

Norton Co., Burnsville, MN 55378

Location.      Kings Inn

## SESSION IV

### OPERATING A DISTRIBUTION SYSTEM

#### Description

This course is designed for people in the electrical engineering field and for those individuals who are responsible for the design and operation of a distribution system

Coordinators Tom Gulbranson and Bill Giesen

Location. Kings Inn

#### Titles and Instructors

##### 1. Recloser and Fuse Coordination (4 Hrs )

✓ Rod Scheel *System Eng*  
Otter Tail Power Company  
Fergus Falls, MN 56537

##### 2. Power Factor (4 Hrs )

Clark Christiansen *sup of Substations*  
Northwestern Public Service Company  
Huron, SD 57350

##### 3. Regulators ( 4 Hrs.)

*130* Tom Shortelle *GE Rep*  
General Electric Company  
Pittsfield, MA 01201

##### 4 Capacitors (2 Hrs )

Winston Judd  
General Electric Company  
Hudson Falls, NY 12839

##### 5 OSHA (1 Hr )

*BEN NICHT*  
D S Dickinson  
Occupational Safety and Health Administration  
Sioux Falls, SD 57101 - 1-800-952-3650 ←

*Illinois* → *CONSULTIVE - 1-800-323-9585*

##### 6 Safety (1 Hr )

Gary Paganini  
South Dakota Safety Council  
Sioux Falls, SD 57101

SESSIONS V & VI  
LINEMEN SEMINAR

Description

A 16-hour course for line operating, maintenance and design personnel on operating problems of electrical distribution systems

Coordinators Ernie Leesch and  
Chuck Birkholt

Location Kings Inn

Titles and Instructors

- 1 U G Locating and Fault Finding (2 Hrs )  
Jim Ainslie  
Jim Ainslie Co  
Minneapolis, MN 55401
- 2 U G Corrosion (2 Hrs )  
Larry Morani  
Harco Corp.  
Osseo, MN 55369
- 3 Grounding of U G. Cables and Transformers (1½ Hrs )  
Lee Tourtelotte  
Klass Co  
Minneapolis, MN 55401
4. U.G. Cable Developments (1 Hr )  
Larry Barr  
Alcoa  
Minneapolis, MN 55401
- 5 UG Switch Gear, Switching Procedures, Fault Indicators (2 Hrs.)  
John Kalmuck                      Doug Nelson  
RTE Corp                              Border States  
Waukesha, WI 53186              Fargo, ND 58102
6. Transformer Connections (4 Hrs )  
Leo Murphy  
MN Vo-ED  
St Paul, MN 55101
- 7 Proper Connections (1½ Hrs.)  
Roger Anderson  
Fargo Mfg. Co.  
Buffalo, MN 55313
- 8 Metering Basics (2 Hrs )  
John Wells  
Plansco  
Aberdeen, SD 57401

## JOINT UTILITY TRAINING COMMITTEE

### Chairman

Dennis Englestad, Englestad Electric, Watertown

### Vice Chairman

Frank Durant, Montana-Dakota Utilities Co , Mobridge

### Secretary

Don Scheibe, Northwestern Public Service, Huron

### Treasurer.

Bill Giesen, Otter Tail Power Company, Milbank

## JUTS MEMBERS

### South Dakota Rural Electric

Roger Nagel, JUTS Supervisor, REC, Pierre

Ernie Leesch, JUTS Instructor, REC, Pierre

Murrel Johnson, Whetstone Valley Electric Cooperative, Inc ,  
Milbank

Charles Birkholt, Cam-Wal Electric Cooperative Inc , Selby

Clarence Wattnem, Lincoln-Union Electric Company, Alcester

Mike Mebius, Tri-County Electric, Plankinton

### Investor-Owned Electric Utilities

Russ Wagner, Northern States Power, Sioux Falls

✓ Tom Gulbranson, Northwestern Public Service, Huron

Bill Giesen, Otter Tail Power Company, Milbank

Frank Durant, Montana-Dakota Utilities Co , Mobridge

Everett Pompy, Black Hills Power & Light, Rapid City

### Municipal Association.

Greg Sherman, Electric Utilities, Brookings

Pete Swanson, Electric Utilities, Watertown

Dave Padgett, Electric Utilities, Pierre

### Electrical Contractors.

Dennis Englestad, Englestad Electric, Watertown

Gene Lothrop, Lothrop's Electric, Huron



The JUTS Committee would like to thank the instructors and their companies for their participation in the Fifth 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, Feb. 27, and Thursday, Feb 28, at the Holiday Inn—compliments of the JUTS Committee

Ainslie, Jim	Jim Ainslie Co Minneapolis, MN 55401
Anderson, Roger	Fargo Mfg. Co Buffalo, MN 55313
Barr, Larry	Alcoa Minneapolis, MN 55401
Christiansen, Clark	Northwestern Public Service Co. Huron, SD 57350
Dickinson, D. S	Occupational Safety & Health Admin Sioux Falls, SD 57101
Judd, Winston	General Electric Co Hudson Falls, NY 12839
Kalmuck, John	RTE Corp Waukesha, WI 53186
Kennedy, Dick	Road Machinery & Supplies Co Utility Division, Minneapolis, MN 55401
Koosman, Ron	Road Machinery & Supplies Co Utility Division, Minneapolis, MN 55401
Kotval, Larry	Telelect Watertown, SD 57201
Mackie, Frank	Road Machinery & Supplies Co Utility Division, Minneapolis, MN 55401
Maumee, George	Norton Co Burnsville, MN 55378
Merchant, Dennis	Vo-Tech School Mitchell, SD 57301
Morani, Larry	Harco Corp Osseo, MN 55369

Murphy, Leo	MN Vo-Ed St Paul, MN 55101
Nelson, Doug	Border States Fargo, ND 58102
Paganini, Gary	South Dakota Safety Council Sioux Falls, SD 57101
Peters, Kurt	Montana-Dakota Utilities Co Bismarck, ND 58501
Scheel, Rod	Otter Tail Power Company Fergus Falls, MN 56537
Shortelle, Tom	General Electric Co Pittsfield, MA 01201
Tourtelotte, Lee	Klass Co Minneapolis, MN 55401
Wells, John	Plansco Aberdeen, SD 57401