

MONDAY MORNING SAFETY MEETING

DATE: December 19, 2018

TIME: 7:40 AM

The meeting was held at Grayson Rural Electric Cooperative Corporation.

Those attending are on the attached sign-in sheet.

Meeting was opened by Kyle Clevenger.

The invocation was given by Carol Ann Fraley.

Brian Poling, Manager of Technical Services, was in charge of meeting.

Tony Dempsey with KAEC was our guest speaker and he presented a power point on Spill Response Training. He went over the Spill Prevention Control Countermeasures and the environmental regulations to prevent oil from spreading to different areas.

Certificates of Completion were given to Brian Poling and Joe Sargent for EKPC/Member system engineering, Operations, & Reliability and Andrea McCleese and Peggy Skaggs RF Command center introduction.

Kyle Clevenger requested everyone to be careful.

The meeting was adjourned at 8:20 am.

Respectfully Submitted,



Nancy Lea Madden

# Grayson RECC Safety Meeting Roster

Date 12-19-18

## OUTSIDE

|                   |                             |
|-------------------|-----------------------------|
| Willis Barker     | Mechanic                    |
| Michael Blevins   | Maintenance Leadman         |
| Tony Brewer       | First Class Lineman         |
| Steven Burton     | First Class Lineman         |
| Steve Bush        | Meterman First Class        |
| Richard Easton    | Maintenance Leadman         |
| Cheyenne Holbrook | Maintenance Leadman         |
| Mark Hutchinson   | Maintenance Leadman         |
| Roger Kitchen     | Warehouseman                |
| Donnie Martin     | Groundman                   |
| Shane McDavid     | First Class Lineman         |
| Scott McGuire     | Meterman 2nd Class          |
| Chris Mosier      | Maintenance Leadman         |
| Mike Reynolds     | Maintenance Leadman         |
| Ryan Rice         | First Class Lineman         |
| Bryan Rogers      | First Class Lineman         |
| Joe Sargent       | Engineering Party Chief     |
| Scott Speaks      | Engineering Party Chief     |
| Justin Staniford  | 4th Year Apprentice Lineman |
| Herbie Steagall   | Construction Leadman        |
| Jamey Withrow     | Construction Leadman        |

*Willis Barker*  
*Michael Blevins*  
*Tony Brewer*  
*Steven Burton*  
*Steve Bush*  
*Richard Easton*  
*Cheyenne Holbrook*  
*Mark Hutchinson*  
*Donnie Martin*  
*Shane McDavid*  
*Scott McGuire*  
*Chris Mosier*  
*Mike Reynolds*  
*Ryan Rice*  
*Bryan Rogers*  
*Joe Sargent*  
*Scott Speaks*  
*Justin Staniford*  
*Herbie Steagall*  
*Jamey Withrow*

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## INSIDE

|                  |  |
|------------------|--|
| Anita Bellew     | Billing Administrator                      |
| Rebecca Bender   | Member Service Representative              |
| Robert Brown     | Geographical Information System Technician |
| Sherry Buckler   | Mgr of Accounting & Human Resources        |
| Kim Bush         | Mgr of Marketing & Member Services         |
| Bradley Cherry   | Mgr of Finance & Accounting                |
| Kyle Clevenger   | Manager of Operations                      |
| Sherry Conley    | Senior Member Service Representative       |
| Carol Fraley     | President & CEO                            |
| Joan Litteral    | Payroll/Bookkeeper                         |
| Nancy Madden     | Division Assistant of Operations           |
| Mike Martin      | Asst. Manager of Operations                |
| Andrea McCleese  | Technical Services Supervisor              |
| Brian Poling     | Mgr of Technical Services                  |
| Tina Preece      | Member Service Energy Advisor              |
| Sue Roberts      | Customer Representative/Cashier            |
| Caitlin Sexton   | Division Assistant, Accounting & Finance   |
| Peggy Skaggs     | AMI Administrator                          |
| Priscilla Sparks | Executive Assistant                        |
| Marsha Thacker   | Plant Accountant                           |
| Peggy Wells      | Member Service Representative              |
| Janet Whitt      | Member Service Representative              |

*Anita Bellew*  
*Robert Brown*  
*Kyle Clevenger*  
*Carol Fraley*  
*Nancy Madden*  
*Mike Martin*  
*Andrea McCleese*  
*Tina Preece*  
*Sue A. Roberts*  
*Caitlin Sexton*  
*Janet Whitt*  
*Thomas Brown*

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# SPCC

## Spill Response Training

Tony Dempsey, Kentucky Electric Cooperatives

# SPCC

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**S**PILL

**P**REVENTION

**C**ONTROL

**C**OUNTERMEASURE

# SPCC REGULATIONS

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- Environmental regulations enacted to prevent oil from reaching surface waters.
- A regulated facility must have a SPCC plan that addresses many different issues including annual training of all personnel
- Internal records are required for spills
- All spills need to be cleaned up even if they are not reportable to the government.



# Spill Response Guidelines

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## **Spill Prevention**

- Loss of oil from equipment or storage facilities can occur as the result of equipment failure, negligence, an accident, vandalism, or sabotage.
- Minimized through comprehensive training and through frequent, thorough inspections of oil filled equipment

# Spill Response Guidelines

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## **Spill Control**

Specific actions to be taken when oil leakage or spillage is discovered.

- Stopping, or at least minimizing, the rate of oil discharge from the equipment
- Controlling to the best of your ability the amount of oil soaking into the ground and/or spreading over the surface of the ground

# Spill Response Guidelines

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## **Spill Countermeasures**

Countermeasures are those activities to be performed in recovering and disposing of spilled oil.

- Contain and recover the spilled oil
- Dispose of the recovered oil in an environmentally sound manner
- Notify the appropriate Federal and State agencies



# SPILL REPORTING

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## REPORTABLE SPILL AGENCIES

- 1) National Response Center - (800) 424-8802;
- 2) US EPA – Region 4 – (404) 562-8700;
- 3) Kentucky Environmental and Public Protection Cabinet – (800) 928-2380;
- 4) Kentucky Emergency Response Commission - (502) 607-1610;

# SPILL REPORTING

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## Kentucky Reporting Requirements:

- If you spill 25 gallons or more of petroleum products; or
- If you spill 75 gallons or more of diesel fuel; or
- If spill reaches surface or ground water (storm and sanitary drains included).

**Kentucky Environmental and Public Protection  
Cabinet – (800) 928-2380**

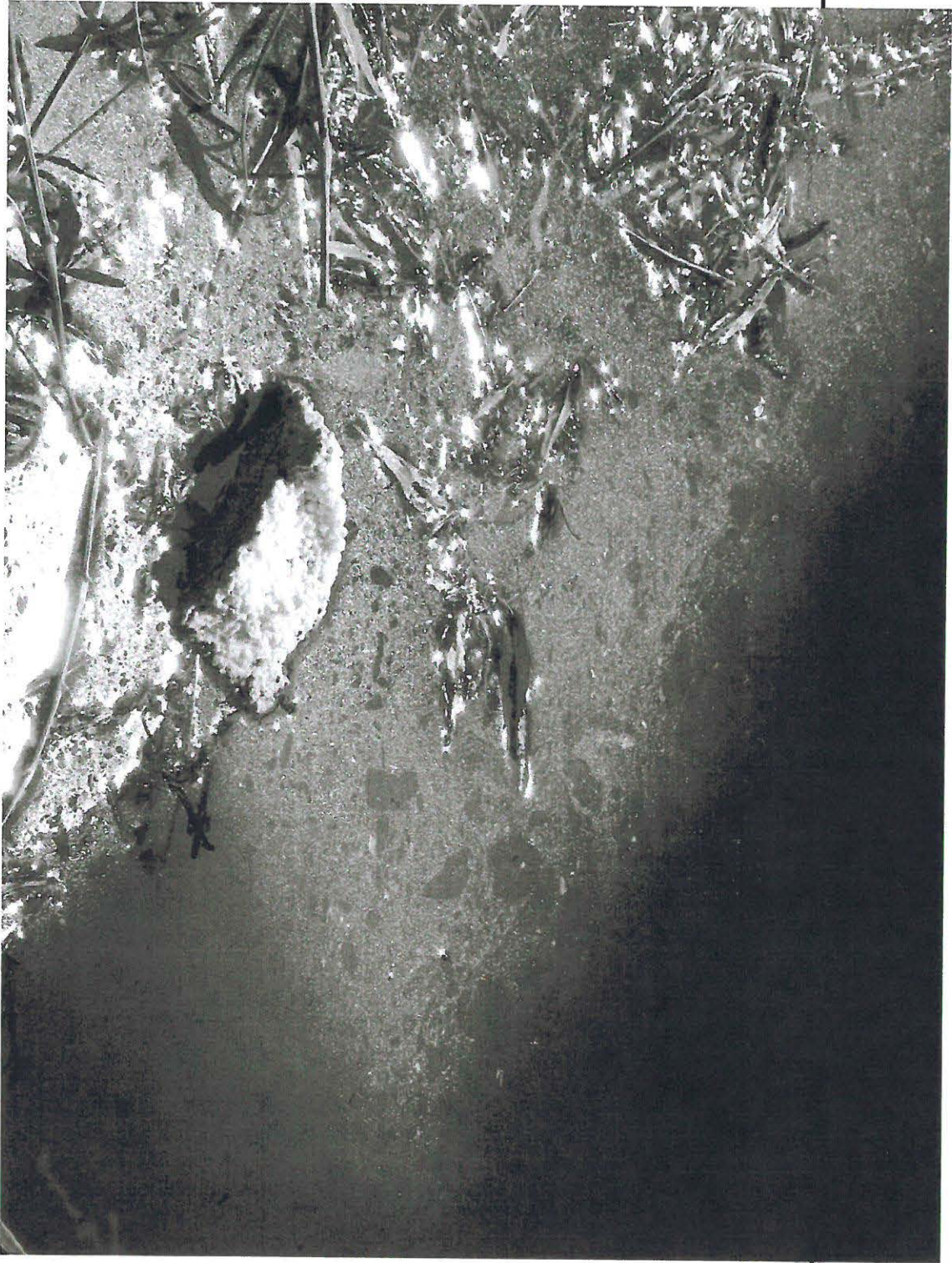
# SPILL REPORTING

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## REPORTABLE SPILLS OF OIL

- If you spill **any** amount of oil that reaches **any** surface waters. This includes storm & sanitary sewers; (NRC)
- If you have two (2) discharges equaling more than 42 gallons of oil in any 12-month period; (SPCC Program - EPA Region IV)
- If you spill 1,000 gallons or more of oil in a single event (SPCC Program - EPA Region IV)









# SPILL REPORTING

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## REPORTABLE PCB SPILLS

- A spill of PCB oil at any concentration that reaches food or feed stock (crops, gardens or pastures);
- A spill from a PCB Transformer ( $\geq 500$  ppm) that catches fire;
- If you spill \*1 pound or more of PCBs anywhere;

\*1599 gallons of oil containing 50 ppm of PCBs = 1 lbs of PCBs.

# SPILL RESPONSE PROCEDURES

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- On-scene Responders
  - Ensure safety of everyone at the scene
  - Stop the leak, if possible
  - Contain the spill, if possible
  - Isolate the spill area, if possible
  - Collect pertinent information related to the spill
  - Report the spill to your immediate Supervisor
  - Cleanup spill
  - Collect and containerize spill materials

# SPILL RESPONSE PROCEDURES

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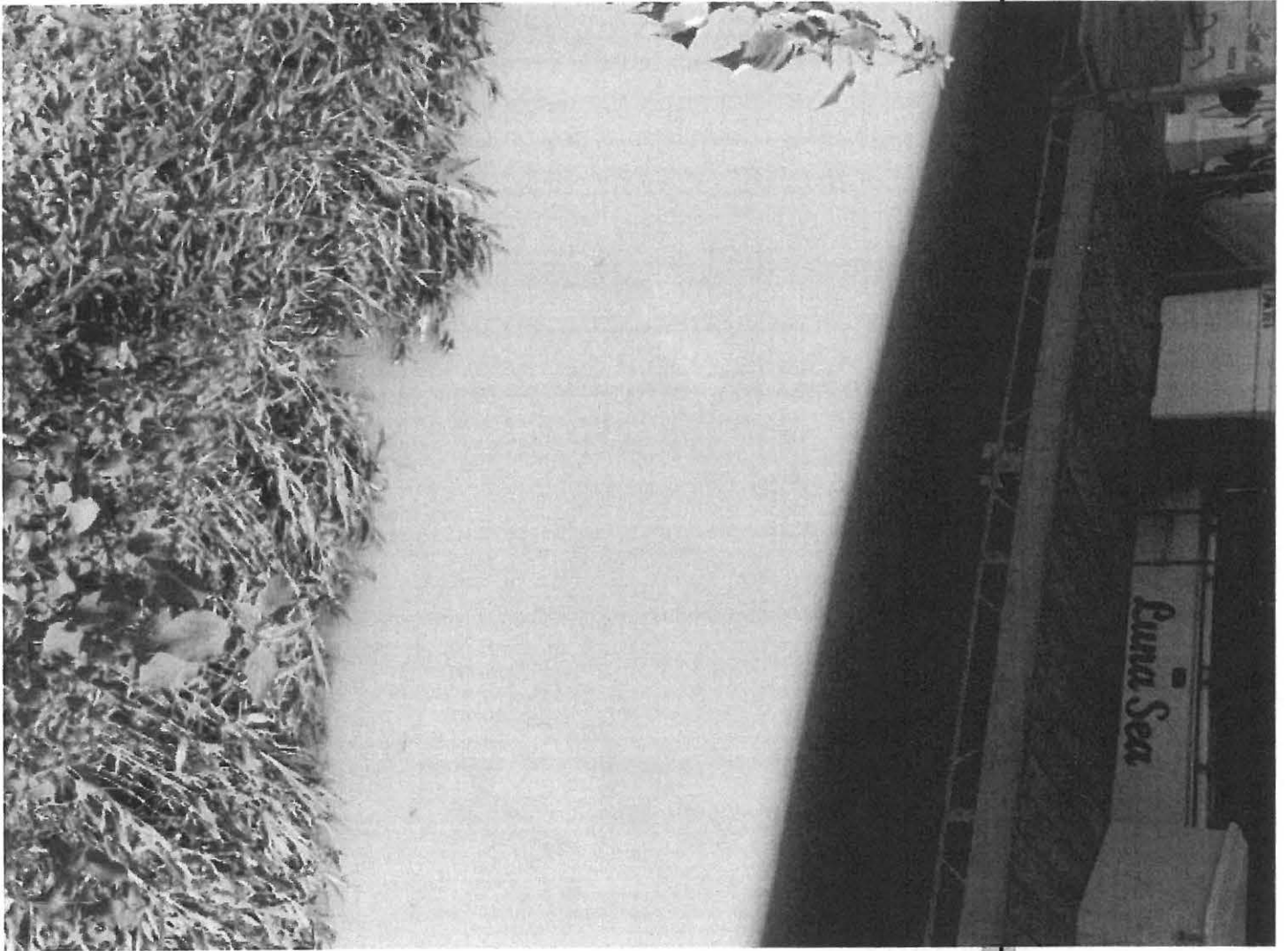
- Supervisors and Spill Coordinators
  - Ensure safety of all employees
  - Ensure internal response team is adequately trained
  - Determine if spill involves PCB or Non-PCB oil
  - Determine if a spill response contractor is needed
  - Determine whether the spill is “Reportable”
  - If applicable, report the spill to applicable agencies
  - Act as contact person for response crew (internal or external), governmental agencies, and management team
  - Collect all the necessary information from the spill













# SPILL RESPONSE PROCEDURES

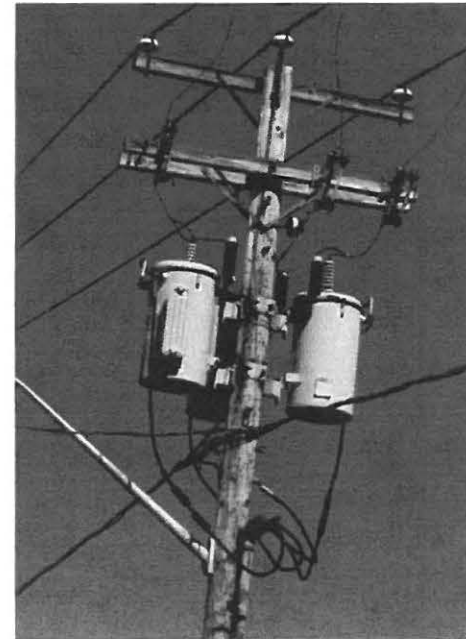
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- Data Collection
  - Internal Spill Report
  - Analytical Results – Oil (PCB or Non-PCB)
  - Analytical Results – Confirmation Sampling
  - Notes from the spill (agency or agencies contacted, time and location of spill, spill number, etc.)
  - Disposal Manifests – Soil and/or Water
  - Pictures

# DETECTION OF SPILLS

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- Any appreciable loss of oil will be detected during routine facility inspections.
- Upon detection, maintenance personnel will be dispatched to the facility to determine the cause of the failure and take corrective action steps.



# PCB REGULATIONS

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- The PCB regulations allow facilities to use PCBs material as long as they are utilized in a totally enclosed manner (no seeps or leaks).
- PCB material is highly regulated once the material escapes from it's enclosure OR if the material is to be disposed of.



# PCB REGULATIONS

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## ■ Common Violations

- Failure to mark access to PCB Transformer
- Failure to mark PCB items/containers stored for disposal
- Storing PCBs in excess of 1 year
- Storage in unapproved storage area in excess of 30 days

# PCB REGULATIONS

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- Common Violations (continued)
  - No out-of-service dates marked on PCB items stored for disposal
  - Leaks/Weeps near the transformer bushing or near the drain valve
  - Cracked or absence of 6" curbing

# Internal Spill Report

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## Spill Information for Report

- Incident Location
- Date & Time
- Source / Equipment
- Volume
- Cause
- Spill response measures taken

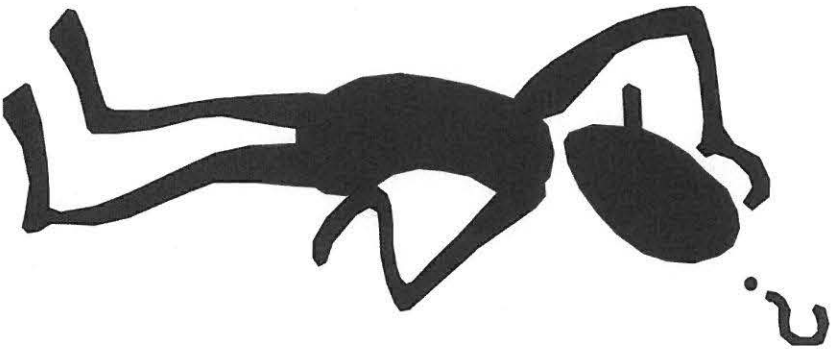
## Oil Spill Key Factors

- 25 / 75 gallons
- Any amount reaches surface or ground water

## PCB Spill Key Factors

- Reaches food or feedstock
- Fire (>500ppm)
- 1 pound

# Questions







**CERTIFICATE OF COMPLETION**  
**THIS CERTIFIES THAT**

**Brian Poling**

**ATTENDED THE**  
**EKPC/MEMBER SYSTEM ENGINEERING, OPERATIONS & RELIABILITY CONFERENCE**  
**HELD AT EAST KENTUCKY POWER COOPERATIVE'S**  
**HEADQUARTERS BUILDING**  
**4775 LEXINGTON ROAD, WINCHESTER, KY**

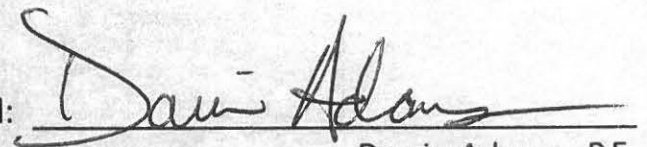
**DATE: October 30, 2018**

**Professional**

**Qualifies for 4.5 Professional Development  
Hours for Kentucky Continuing  
Development for Engineers**

**TOPICS: Transmission Planning Overview**  
**Use of Capacitor Banks on the Transmission System**  
**EKPC Load Forecast Update**  
**Substation Billing Exception Process**  
**MVWeb Overview**  
**North American Transmission Forum Benchmarking Results**  
**Substation Phase Imbalance**  
**Etc.**

Signed: \_\_\_\_\_



**Darrin Adams , P.E.**

**Director of Power Delivery Planning, Design and Construction**  
**East Kentucky Power Cooperative, Inc.**



**CERTIFICATE OF COMPLETION**  
**THIS CERTIFIES THAT**

**Joe Sargent**

**ATTENDED THE**  
**EKPC/MEMBER SYSTEM ENGINEERING, OPERATIONS & RELIABILITY CONFERENCE**  
**HELD AT EAST KENTUCKY POWER COOPERATIVE'S**  
**HEADQUARTERS BUILDING**  
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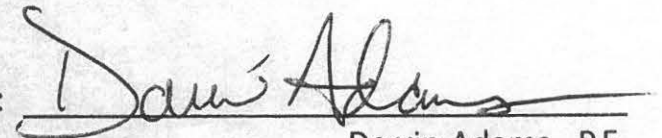
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**Substation Phase Imbalance**  
**Etc.**

Signed:



**Darrin Adams, P.E.**

**Director of Power Delivery Planning, Design and Construction**  
**East Kentucky Power Cooperative, Inc.**





**CERTIFICATE  
OF COMPLETION AWARDED TO**

**ANDREA MCCLEESE**

**THIS AWARD IS GIVEN IN RECOGNITION OF  
SUCCESSFULLY COMPLETING**

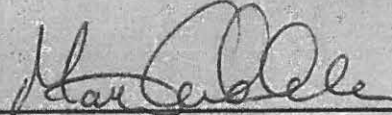
**RF COMMAND CENTER INTRODUCTION**

**December 4-6, 2018**

**Pequot Lakes, MN**

**USA**

**Landis  
Gyr+**  
manage energy better

  
\_\_\_\_\_  
Training Services



**CERTIFICATE  
OF COMPLETION AWARDED TO**

**PEGGY SKAGGS**

**THIS AWARD IS GIVEN IN RECOGNITION OF  
SUCCESSFULLY COMPLETING**

**RF COMMAND CENTER INTRODUCTION**

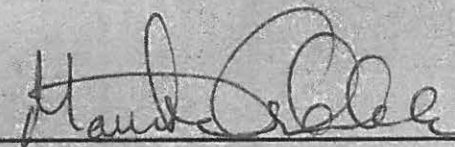
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Training Services

