

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED

ASSOCIATED ELECTRIC COOPERATIVE
P.O. BOX 156
NEW MADRID, MO 63869

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

REPORT NUMBER(S) 15-01

3. DOCKET NUMBER(S)

030- 38014

4. LICENSE NUMBER(S)

24-32745-01

5. DATE(S) OF INSPECTION

7/21/15

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

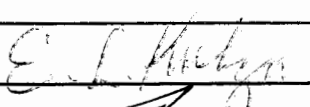

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	E.L. Kulzer		7/21/15
BRANCH CHIEF	Amos T. McCann		7/30/15

Docket File Information**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Associated Electric Cooperative, Inc. P.O. Box 156 New Madrid, MO 63869 REPORT NUMBER(S) 2015001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 030-38014	4. LICENSE NUMBER(S) 24-32742-01	5. DATE(S) OF INSPECTION 7/21/2015	
6. INSPECTION PROCEDURES USED IP 87124	7. INSPECTION FOCUS AREAS 03.01 through 03.07		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03120	2. PRIORITY 5	3. LICENSEE CONTACT Thomas Halstead	4. TELEPHONE NUMBER (573) 472-2299
---------------------------------	----------------------	--	---

<input checked="" type="checkbox"/> Main Office Inspection	Next Inspection Date: 7/21/2020
<input type="checkbox"/> Field Office Inspection	
<input type="checkbox"/> Temporary Job Site Inspection	

PROGRAM SCOPE

This was a routine inspection of the licensee that was a coal fired electricity generating plant authorized to possess and use sealed sources for level or density measurements in gauges as authorized by the license. The licensee possessed 56 specifically licensed fixed gauges used in the production of electricity. Currently, the RSO is involved with use and oversight of the devices.

The RSO had Thermo Fisher Scientific pick up and dispose of all 24 of its Kay-Ray Model 7080 gauges on February 5, 2015. The gauges were properly leak tested before removal and disposal at Thermo Fisher Scientific. (See Attached)

The licensee was not authorized to remove and/or relocate gauges. The licensee does not perform any service or maintenance activities on its gauges; these services were performed by the manufacturer.

Performance Observations

The plant facility was toured and 28 gauges were observed in conjunction with the licensee's current inventory. The RSO demonstrated survey techniques used if/when a gauge was relocated. Proper lock-out and leak test procedures were also adequately described. Interviews conducted with plant workers revealed that under no circumstances would a vessel be entered without RSO supervision of lock-out/tag-out procedures. The RSO conducts leak tested at three-year frequencies in accordance with manufacturers specifications. Inventories and shutter checks were performed at required frequencies. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.

No violations of NRC regulatory requirements were identified during this inspection.

Halstead, Tommy

From: info@con-way.com
Sent: Monday, May 18, 2015 2:00 PM
To: Halstead, Tommy
Subject: Con-way Tracking 177-299986

Sent to you on behalf of Lisa

PRO: 177299986	Delivered by Houston TX
Pickup/Delivery	Pickup: 2/10/15 Divr: 2/12/15
Shipper	Associated Electric Coop Inc 41 St Jude Industrial Park Marston MO 63866
Consignee	Thermo Fisher Scientific 1410 Gillingham Ln Sugar Land TX 77478 - 2896
Consignee Signature	Edgar C signed on Feb 12, 2015 at 1:19 PM
Destination Service Center	
Reference Nbr	PRO: 177299986 RMA 32704 SN# 32704
Shipment Details	Collect Pcs 3 HazMat Wgt 991 lbs

Thank you for using Con-way Freight!

177-299-8686

BILL OF LADING

Con-way
FREIGHT

CONSIGNEE:

Thermo Fisher Scientific
1410 Gillingham Lane
Sugar Land TX 77478



177-299986

SHIPPER:

Thermo Fisher Scientific
For:
Associated Electric COOP
New Madrid Power Plant
41 St. Jude Industrial Park
Marston, MO 53866 Tom Halstead 1-573-643-6296

NATURE AND QUANTITY OF CONTENTS

PACKAGE

PROPER SHIPPING NAME	FORM	ACTIVITY	CATEGORY	TRANSPORT INDEX	TYPE
HAZARDOUS MATERIALS DESCRIPTIONS AND PROPER SHIPPING NAME (FORM 49 CFR 172.101 HAZARDOUS MATERIALS TABLE)	CHEMICAL FORM AND PHYSICAL STATE (GAS/ LIQUID/SOLID) OR SPECIAL FORM	NUMBER OF BECQUERELS AND CURIES	I - WHITE OR II - YELLOW OR III - YELLOW LABEL	FOR YELLOW LABEL CATEGORIES ONLY	TYPE A OR TYPE B
Box 1 of 3 UN3332-RQ, Radioactive Material, Type A package, Special Form, 7,Cs 137 Weight = 327 lbs	Special Form	59.2 Gbq 1600 mCi	Radioactive III- Yellow	 1.7	Type A
Box 2 of 3 UN3332-RQ, Radioactive Material, Type A package, Special Form, 7,Cs 137 Weight = 337 lbs	Special Form	59.2 Gbq 1600 mCi	Radioactive III- Yellow	 1.5	Type A
Box 3 of 3 UN3332-RQ, Radioactive Material, Type A package, Special Form, 7,Cs 137 Weight = 327 lbs	Special Form	59.2 Gbq 1600 mCi	Radioactive III- Yellow	 1.5	Type A

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

RMA #:32704

REMARKS:

Disposal of 24 Kay Ray Model 7080 , 200 mCi
Sources and no others. Total Weight 991 lbs.

AUTHORIZED SIGNATURE

DATE

10/10/15

Emergency Contact Information:

ThermoFisher
SCIENTIFIC

1410 Gillingham Lane
Sugar Land, Texas 77478
Chemtrec CN22228

Emergency Telephone: (800) 424-9300 or (703) 527-3887.

Telephone: (800) 437-7979 or (713) 272-0404

<http://www.thermoscientific.com>

Handwritten signature and date

2-9-15 14:57