

NRC FORM 591M PART 1  
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

## SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

## 1. LICENSEE/LOCATION INSPECTED:

Basin Electric Power Cooperative  
1717 East Interstate Avenue  
Bismarck, North Dakota 58501Location: Laramie River Station  
347 Grayrocks Road, Wheatland, Wyoming 82201

REPORT NO: 030-14682/2016-001

## 2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission  
Region IV, 1600 East Lamar Blvd  
Arlington, Texas 76011

## 3. DOCKET NUMBER

030-14682

## 4. LICENSE NUMBER

33-18224-01

## 5. DATE OF INSPECTION

February 29, 2016

## 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 violations(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) was/were discussed involving the following requirement(s) and Corrective Action(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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

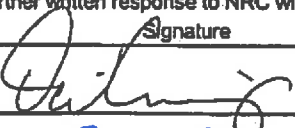



License Condition 25.B of specific license 33-18224-01 requires, in part, that lock-out and tag-out of fixed nuclear gauges be performed in accordance with the licensee's "Gauge Removal Procedure."

Contrary to the above, the licensee failed to lock the shutter on fixed gauge 1C-2 #8294 in a closed position during a maintenance period.

The licensee corrected this finding by immediately locking the shutter on 1C-2 #8294, performing interviews with and providing additional training to instrument technicians on March 1, 2016, and by reviewing the applicable procedures for deficiencies. Additionally, the licensee is in process of implementing a new lock-out/tag-out program and has committed to revising the "Gauge Removal Procedure," and the "Gauge User Training," as needed, to ensure that fixed nuclear gauge shutters will be locked-out and tagged-out as required by procedure.

## Licensee's Statement of Corrective Actions for Item 4, above.

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	David Cummings, RSO		3/7/16
NRC INSPECTOR	Jason Dykert, Health Physicist		3/7/16
BRANCH CHIEF			3/30/16

☐ Non-Public ☐ Sensitive - Security-Related

☒ Public ☒ Non-Sensitive

## Dykert, Jason

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**From:** Dykert, Jason  
**Sent:** Monday, March 07, 2016 1:47 PM  
**To:** 'David Cummings'  
**Subject:** RE: Follow-up For Inspection 2/29/16 - Laramie River Station  
**Attachments:** Basin Electric Part 1.docx

Dave and Kelsey,

Attached is a one page report documenting a violation of License Condition 25.B and Basin's Gauge Removal Procedure as discussed during our exit meeting on February 29, 2016.

Please review it for accuracy, Dave can sign it, then email me the signed copy back. That will be all the correspondence and follow up that is needed, the one page report lists the corrective actions and the NRC will look at those during our next routine inspection.

I don't need any more information regarding the event notification for the stuck shutter at this time.

Let me know if you have questions,

Jason C Dykert  
Health Physicist, Inspection Branch  
US NRC, Region IV  
(817) 200 - 1427



**From:** David Cummings [mailto:DCummings@bepc.com]  
**Sent:** Tuesday, March 01, 2016 2:49 PM  
**To:** Dykert, Jason <Jason.Dykert@nrc.gov>  
**Subject:** [External\_Sender] Follow-up For Inspection 2/29/16 - Laramie River Station

Good afternoon:

Regarding the gauge that was found with a closed shutter while missing a lock:

The technician who was working on the detection side of the instrument had closed the shutter and used his personal lock while taking it down. Once he had it down, he removed his lock for use on the next job, became distracted and failed to replace it with a long-term lock while the detector is down for repair. Attached is a photo of the gauge yesterday that had a closed shutter, with a lock appropriately applied to the closed shutter.

I met with the Instrument Group this morning at their daily muster meeting, and reviewed the procedure. At this time I do not think additional work is necessary on this issue. I will, however, closely monitor upcoming work (particularly with the Unit 2 outage beginning next month) in view of the new lockout/tagout program, and make revisions as appropriate.

Any questions please do not hesitate to contact me!