

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Colog, Inc.
810 Quail Street, Suite E
Lakewood, CO 80125
Location Inspected: Sibley, Missouri

REPORT NUMBER(S) 2015-001

2. NRC/REGIONAL OFFICE

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

3. DOCKET NUMBER(S)

150-00005

4. LICENSE NUMBER(S)

CO-971-02

5. DATE(S) OF INSPECTION

September 16, 2015

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	Ryan Craffey / Navid Tehrani	<i>Raf Craffey / RC for NT</i>	9/21/15
BRANCH CHIEF	Aaron McCraw	<i>AJM for ATM</i>	9/21/15

Docket File Information

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6. INSPECTION PROCEDURES USED 87123	7. INSPECTION FOCUS AREAS FE 1-6		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03110	2. PRIORITY 3	3. LICENSEE CONTACT Nathan Davis - RSO	4. TELEPHONE NUMBER (303) 279-0171
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☐ Main Office Inspection Next Inspection Date: TBD

☐ Field Office Inspection _____

☒ Temporary Job Site Inspection KCP&L Sibley Generating Plant, Sibley, Missouri

PROGRAM SCOPE

This was an announced field inspection of a geophysical services company authorized to store byproduct material at its facility in Lakewood, Colorado, and to use that material for well logging at temporary job sites in Colorado jurisdiction. The licensee conducted these activities at temporary job sites in NRC jurisdiction under a reciprocity request filed in January 2015 for the calendar year. During this inspection, the licensee was logging a newly-drilled water monitoring well for porosity using an AmBe-241 sealed source. The well was adjacent to the fly ash landfill located on the premises of the Sibley Generating Plant in Sibley, Missouri.

PERFORMANCE OBSERVATIONS

The inspectors observed the conduct of well logging activities at the temporary job site Sibley. The inspectors observed the logging supervisor prepare and dismantle the tool string, and noted the use of ALARA practices while removing and subsequently returning the sealed source to its locking safe aboard the rig. The inspectors then observed the logging supervisor conduct surveys of the tools and the job site using a calibrated survey meter. The inspectors conducted independent surveys to confirm the absence of any residual contamination on or in the vicinity of the tool and the wellhead. The inspectors also conducted surveys of the source in its safe to verify compliance with DOT limits for radiation levels during transport on public highways. The inspectors interviewed the logging supervisor and found that he possessed adequate dosimetry and was knowledgeable of radiation protection principles and licensee procedures.

The inspectors reviewed a selection of available records, including shipping papers, operating and emergency procedures, radiation surveys and instrument calibration records, the latest leak test of the sealed source used during the inspection, and a copy of the company's State of Colorado radioactive materials license. The inspectors noted that the licensee's reciprocity change report filed on September 8, 2015, accurately reflected the activities observed during the inspection.

No violations of NRC requirements were identified as a result of this inspection.