



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

June 30, 2020

Miguel Barahona  
Century Geophysical, LLC  
Corporate Radiation Safety Officer  
1223 South 71<sup>st</sup> East Ave.  
Tulsa, Oklahoma 74112

SUBJECT: NRC INSPECTION REPORT 030-11376/2020-001; AND NOTICE OF VIOLATION

Dear Mr. Barahona:

This letter refers to the announced inspection conducted on March 4, 2020, at your corporate office in Tulsa, Oklahoma. The inspection was an examination of activities conducted under your license as they relate to public health and safety, security of licensed materials, and to confirm compliance with the U.S. Nuclear Regulatory Commission's (NRC's) rules, regulations, and with the conditions of your license.

Within these areas, the inspection consisted of a selected examination of procedures and representative records, observations of facilities, and interviews with personnel. The inspector discussed the preliminary inspection findings with you at the conclusion of the onsite portion of the inspection. A final exit briefing was conducted telephonically with you on June 9, 2020.

Based on the results of the inspection the NRC has determined that one Severity Level IV violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy, which can be found at the NRC's Web site at <https://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violation is cited in the enclosed Notice of Violation (Notice) because it was identified by the NRC during the inspection. The violation involves your failure to provide annual safety reviews for logging supervisors and logging assistants, as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 39.61(c).

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The guidance in NRC Information Notice 96-28, "Suggested Guidance Relating to Development and Implementation of Corrective Action," may be helpful in preparing your response. You can find the Information Notice on the NRC website at: <https://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1996/in96028.html>. Information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance will be (was) achieved should be addressed. The NRC review of your response to the Notice will also determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

To the extent possible, your response should not include any personal privacy or proprietary information so that it can be made available to the Public without redaction. If personal privacy or proprietary information is necessary to provide an acceptable response, please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such information, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information).

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter, its enclosure, and your response, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions regarding this letter or the enclosed Notice, please contact Linda M. Gersey, at (817) 200-1299, or the undersigned at (817) 200-1455.

Sincerely,

Patricia A.  
Silva

Digitally signed by Patricia  
A. Silva  
Date: 2020.06.30 13:55:13  
-05'00'

Patricia A. Silva, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

License No.: 35-04017-04  
Docket No.: 030-11376

Enclosure:  
Notice of Violation (Notice)

cc w/Enclosure:  
Mike Broderick  
Environmental Program Manager II  
Radiation Management Section  
P.O. Box 1677  
Oklahoma City, OK 73101-1677

NRC INSPECTION 030-11376/2020 001 - DATED June 30, 2020

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Keyword:

By: LMG

Yes  No

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DATE	06/30/20	06/30/20				

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## NOTICE OF VIOLATION

Century Geophysical, LLC  
Tulsa, OK

Docket No.: 030-11376  
License No.: 35-04017-04

During a Nuclear Regulatory Commission (NRC) inspection conducted on March 4, 2020, at your corporate office in Tulsa, Oklahoma, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

10 CFR 39.61(c) requires, in part, that the licensee shall provide safety reviews for logging supervisors and logging assistants at least once during each calendar year.

Contrary to the above, during calendar year 2017, the licensee failed to provide safety reviews for logging supervisors and logging assistants.

This is a Severity Level IV violation (NRC Enforcement Policy, Section 6.12)

Pursuant to the provisions of 10 CFR 2.201, Century Geophysical, LLC, is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, with a copy to the Regional Administrator, Region IV, 1600 E. Lamar Blvd., Arlington, Texas 76011, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include, for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation or severity level; (2) the corrective steps that have been taken and the results achieved; (3) the corrective steps that will be taken; and (4) the date when full compliance will be achieved.

Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued requiring information as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001.

Your response will be made available electronically for public inspection in the NRC Public Document Room or in the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy or proprietary information so that it can be made available to the public without redaction.

If personal privacy or proprietary information is necessary to provide an acceptable response, then please provide a bracketed copy of your response that identifies the information that should be protected and a redacted copy of your response that deletes such information. If you request withholding of such material, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim of withholding (e.g., explain why the disclosure of information will create an unwarranted invasion of personal

Enclosure

privacy or provide the information required by 10 CFR 2.390(b) to support a request for withholding confidential commercial or financial information).

In accordance with 10 CFR 19.11, you may be required to post this Notice within 2 working days of receipt.

Dated this 30<sup>th</sup> day of June 2020