



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

**REGION IV
1600 EAST LAMAR BOULEVARD
ARLINGTON, TEXAS 76011-4511**

December 21, 2023

EA-23-064

Brent Witte, Chief Financial Officer
Century Geophysical, LLC
1223 South 71st East Avenue
Tulsa, OK 74112

**SUBJECT: CENTURY GEOPHYSICAL - NOTICE OF VIOLATION AND PROPOSED
IMPOSITION OF CIVIL PENALTIES - \$17,500, NRC INSPECTION
REPORT 030-11376/2022-001**

Dear Brent Witte:

This letter refers to the U.S. Nuclear Regulatory Commission (NRC) inspection conducted on December 13, 2022, and April 25, 2023, at your facility in Tulsa, Oklahoma, and on March 29, 2023, at your field office in Gillette, Wyoming. The inspection continued with in-office review through July 27, 2023. The inspection was conducted to examine activities conducted under your license as they relate to public health and safety and to confirm compliance with the NRC rules and regulations and with the conditions of your license. A final exit briefing was conducted with you telephonically on August 24, 2023. Details of the inspection and seven associated apparent violations identified during the inspection were provided to you in the subject inspection report, dated September 8, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML23237B466).

In the letter transmitting the inspection report, we provided you with the opportunity to address the apparent violations identified in the report by either attending a pre decisional enforcement conference, engaging the NRC in alternative dispute resolution mediation, or by providing a written response before we made our final enforcement decision. In a letter dated September 30, 2023 (ML23300A122), you provided your response to the apparent violations.

Based on the information developed during the inspection and the information you provided in your written response to the inspection report, the NRC has determined that seven violations of NRC requirements occurred. These violations are cited in Enclosure 1, "Notice of Violation and Proposed Imposition of Civil Penalties" (Notice), and the circumstances surrounding them are described in detail in the subject inspection report. The violations involved the failure to: (A) properly train and evaluate well logging supervisors; (B) perform annual job performance audits of well logging supervisors; (C) perform radiation surveys prior to transporting licensed material; (D) secure licensed material from unauthorized removal or access; (E) evaluate personnel dosimetry at least quarterly and promptly after replacement; (F) maintain required documents and records at field stations; and (G) document semiannual equipment maintenance.

The NRC considers Violations A and B to be significant violations because the failure to properly train and evaluate well logging supervisors increases the risk of potential consequences from the mishandling of licensed material. Therefore, Violations A and B have been categorized collectively, in accordance with the NRC Enforcement Policy, as a Severity Level III problem. The Enforcement Policy can be found on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>.

The NRC considers Violation C to be a significant violation because the failure to perform radiation surveys prior to transporting licensed material could result in a substantial potential for personnel overexposure or contamination above regulatory limits. Therefore, Violation C has been categorized in accordance with the NRC Enforcement Policy at Severity Level III.

The NRC considers Violation D to be a significant violation because the failure to secure licensed material from unauthorized removal or access created the potential for an overexposure to members of the public from its misuse. Therefore, Violation D has been categorized in accordance with the NRC Enforcement Policy at Severity Level III.

The NRC considers Violations E, F, and G to be less serious, but are of more than minor safety significance. Therefore, these violations have been categorized in accordance with the NRC Enforcement Policy at Severity Level IV.

In accordance with the NRC Enforcement Policy, a base civil penalty in the amount of \$8,750 is considered for the Severity Level III problem. Separately, a base civil penalty in the amount of \$8,750 is considered for each of the two Severity Level III Violations, C and D.

Because your facility has not been the subject of escalated enforcement actions within the last two inspections, the NRC considered whether credit was warranted for *Corrective Action* in accordance with the civil penalty assessment process in Section 2.3.4 of the Enforcement Policy. The NRC determined that for the Severity Level III problem and for Violation C, *Corrective Action* credit is not warranted. The *Corrective Action* credit evaluation for the Severity Level III problem and Violation C is documented in Enclosure 2, "Corrective Action Credit Evaluation."

Therefore, to emphasize the importance of properly training well logging supervisors and performing adequate radiation surveys and the need for prompt and comprehensive correction of violations, I have been authorized, after consultation with the Director, Office of Enforcement, to issue the enclosed Notice of Violation and Proposed Imposition of Civil Penalties in the base amount of \$8,750 for the Severity Level III problem and \$8,750 for Violation C, for a total of \$17,500 in civil penalties. In addition, issuance of this Notice constitutes an escalated enforcement action that may subject you to increased inspection effort.

With respect to Violation D, the NRC determined that *Corrective Action* credit is warranted for the prompt and comprehensive corrective actions you implemented. Your corrective actions to address the violation are documented in NRC Inspection Report 030-11376/2022-001 and in your letter dated September 30, 2023. Therefore, to encourage prompt and comprehensive correction of violations, I have been authorized, after consultation with the Director, Office of Enforcement, not to propose a civil penalty for Violation D.

You may choose to pay the proposed civil penalties by submitting your payment with the invoice enclosed to this letter (Enclosure 3), to the following address:

Office of the Chief Financial Officer
U.S. Nuclear Regulatory Commission
P.O. Box 979051
St. Louis, MO 63197

In addition, you may pay the proposed civil penalties in accordance with NUREG/BR-0254 "Payment Methods," Enclosure 4 or ADAMS Accession No. ML19163A244. When using NUREG/BR-0254 to pay the civil penalties, the bill number, EA-23-064, should be used as the "enforcement action identifier" when submitting your payment through one of the approved methods listed in the brochure. The NRC may consider a request for additional time to pay the proposed civil penalties, including the option to enter into an installment agreement, if payment of the civil penalties as a lump sum in the required timeframe would pose a financial hardship. To request additional time to pay, you must submit a written request, with appropriate justification explaining your financial hardship, to NRCCollections.Resource@nrc.gov. All requests should be submitted in sufficient time to allow the NRC the ability to review your request for additional time to pay before the 30-day payment period expires.

If you disagree with this enforcement sanction, you may deny one or more of the violations, as described in Enclosure 1, or you may request alternative dispute resolution (ADR) mediation with the NRC to resolve this issue. Alternative dispute resolution is a general term encompassing various techniques for resolving conflicts using a neutral third party. The technique that the NRC has decided to employ is mediation. Mediation is a voluntary, informal process in which a neutral mediator works with parties to help them reach resolution. If the parties agree to use ADR, they select a mutually agreeable neutral mediator who has no stake in the outcome and no power to make decisions. Mediation gives parties an opportunity to discuss issues, clear up misunderstandings, be creative, find areas of agreement, and reach a final resolution of the issues.

Additional information concerning the NRC's ADR program can be found at <http://www.nrc.gov/about-nrc/regulatory/enforcement/adr.html>. The Institute on Conflict Resolution at Cornell University has agreed to facilitate the NRC's ADR program as a neutral third party. If you are interested in pursuing this issue through the ADR program, please contact: (1) the Institute on Conflict Resolution at 877-733-9415; and (2) Lizette Roldán-Otero at 817-200-1455 within 10 days of the date of this letter. Your submitted signed agreement to mediate using the NRC ADR program will stay the 30-day period for payment of the civil penalties, as identified in Enclosure 1, until the ADR process is completed.

You are required to respond to this letter and should follow the instructions specified in Enclosure 1 when preparing your response to Violations A, B, and C. If you have additional information that you believe the NRC should consider, you should provide it in your response to the Notice. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

For Violations D through G, the NRC has concluded that information regarding: (1) the reason for the violations; (2) the corrective actions taken and planned to correct the violations and prevent recurrence; and (3) the date when full compliance was achieved is already adequately addressed on the docket in NRC Inspection Report 030-11376/2022-001 and in your letter dated September 30, 2023. Therefore, you are not required to respond to Violations D

through G unless the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in Enclosure 1.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice and Procedure," a copy of this letter, its enclosures, and your response, will be made available electronically for public inspection in the NRC Public Document Room and from the NRC's ADAMS, accessible from the NRC website 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. The NRC also includes significant enforcement actions on its website at <http://www.nrc.gov/reading-rm/doc-collections/enforcement/actions>.

Should you have any questions concerning this matter, please contact Dr. Lizette Roldán-Otero of my staff at 817-200-1455.

Sincerely,



Signed by Monninger, John
on 12/21/23

John D. Monninger
Regional Administrator

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

Enclosures:

1. Notice of Violation and Proposed Imposition of Civil Penalties
2. Corrective Action Credit Evaluation
3. Civil Penalty Invoice
4. NUREG/BR-0254 "Payment Methods"

cc w/Enclosures:

Keisha Cornelius
Environmental Programs Manager
Radiation Management Section
Oklahoma Department of Environmental Quality

Dillon Conner
Radiological Program Manager
Wyoming Office of Homeland Security

Brandi O'Brien
Program Manager
Wyoming Department of Environmental Quality
Land Quality Division

CENTURY GEOPHYSICAL, LLC - NOTICE OF VIOLATION AND PROPOSED IMPOSITION OF CIVIL PENALTIES - \$17,500, NRC INSPECTION REPORT 030-11376/2022-001 - DATED DECEMBER 21, 2023

DISTRIBUTION:

RidsOeMailCenter Resource;	RidsNmssOd Resource;	RidsOgcMailCenter Resource;
RidsSecyMailCenter Resource;	RidsOcaMailCenter Resource;	RidsOigMailCenter Resource;
RidsEdoMailCenter Resource;	EDO_Managers;	RidsOcfMailCenter Resource;
RidsOiMailCenter Resource;	RidsRgn1MailCenter Resource;	RidsRgn3MailCenter Resource;
R4Allegation.resource	R4-ORA-ACES	R4Enforcement.resource
JMonninger, RA	RAlexander, ORA	DPelton, OE
RLantz, DRA	MMadison, DRMA	SLewman, OE
TBloomer, DRSS	JKramer, ORA	JPeralta, OE
GMiller, DRSS	JCook, DRSS	PSnyder, OE
RSun, NMSS	NO'Keefe, DRSS	RErickson, DRSS
VDricks, ORA	AMoreno, CA	MBurgess, NMSS
JGroom, ORA	LWilkins, CA	RTorres, DRSS
ARoberts, ORA	JHamman, OEDO	R4-DRSS-MIB
RAugustus, OGC	DCylkowski, ORA	LHowell, DRSS

ADAMS ACCESSION NUMBER: ML23342A140						
SUNSI Review by: ACR		ADAMS <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive	Keyword: MD 3.4
OFFICE	ES:ACES	C:MIB	TL:ACES	RC	NMSS	OE
NAME	ARoberts	LRoldanOtero	JGroom	DCylkowski	RSun	JPeralta
SIGNATURE	/RA/ E	/RA/ E	/RA/ E	/RA/ E	/RA/ E	/RA/ E
DATE	12/07/23	12/09/23	12/11/23	12/11/23	12/12/23	12/12/23
OFFICE	OGC	D:DRSS	RA			
NAME	RAugustus	TBloomer	JMonninger			
SIGNATURE	/NLO/ E	/RA/ E	/RA/ E			
DATE	12/13/23	12/14/23	12/21/23			

OFFICIAL RECORD COPY

NOTICE OF VIOLATION
AND
PROPOSED IMPOSITION OF CIVIL PENALTIES

Century Geophysical, LLC
Tulsa, Oklahoma

Docket No. 030-11376
License No. 35-04017-04
EA-23-064

During an NRC inspection conducted on December 13, 2022, with subsequent inspections on March 29 and April 25, 2023, with continued in-office review through July 27, 2023, seven violations of NRC requirements were identified. In accordance with the NRC Enforcement Policy, the NRC proposes to impose civil penalties pursuant to Section 234 of the Atomic Energy Act of 1954, as amended (Act), 42 U.S.C. 2282, and 10 CFR 2.205. The violations and associated civil penalties are set forth below:

I. Violations Assessed a Civil Penalty

- A. 10 CFR 39.61(a)(3) requires, in part, that a licensee may not permit an individual to act as a logging supervisor until that person has completed on-the-job training and demonstrated competence by a field evaluation.

NRC Materials License 35-04017-04, Amendment 38, License Condition 21.A requires, in part, that the licensee conduct its program in accordance with the license application dated November 7, 2018. The license application, Item 8, "TRAINING FOR WELL LOGGING SUPERVISORS AND WELL LOGGING ASSISTANTS," under the section titled "LOGGING SUPERVISOR TRAINING [§39.61(a) and (d)]," for on-the-job training includes: 3 months (520 hours), and 1 month (160 hours) mineral well logging.

Contrary to the above, from June 5 through December 13, 2022, the licensee permitted two individuals to act as logging supervisors prior to completing the on-the-job training and demonstrating competence by a field evaluation. Specifically, two individuals began to act as well logging supervisors prior to documenting and completing 3 months of on-the-job training as specified in the license application, and prior to demonstrating competence as well logging supervisors via a documented field evaluation.

- B. NRC Materials License 35-04017-04, Amendment 38, Condition 21.A requires, in part, that the licensee conduct its program in accordance with the license application dated November 7, 2018. In the license application, Item 8, "TRAINING FOR WELL LOGGING SUPERVISORS AND WELL LOGGING ASSISTANTS," under the section titled "ANNUAL JOB PERFORMANCE AUDIT OF WELL LOGGING SUPERVISORS [§39.13(d)]," the licensee committed to inspect each logging supervisor at intervals not to exceed 1 year.

Contrary to the above, from November 2020 through March 2023, the licensee failed to conduct its program in accordance with the license application dated November 7, 2018. Specifically, the licensee did not conduct job performance audits for two well logging supervisors at intervals not to exceed 1 year.

This is a Severity Level III problem (Enforcement Policy Section 6.3.c.5).
Civil Penalty - \$8,750. EA-23-064

- C. 10 CFR 39.67(b) requires that before transporting licensed materials, the licensee shall make a radiation survey of the position occupied by each individual in the vehicle and of the exterior of each vehicle used to transport the licensed materials.

Contrary to the above, from March 2020 through March 2023, before transporting licensed materials, the licensee failed to make a radiation survey of the position occupied by each individual in the vehicle and of the exterior of each vehicle used to transport the licensed materials. Specifically, because the licensee permanently stored radioactive materials on its work vehicles, radioactive materials were transported every day the vehicles were driven; however, the licensee failed to perform surveys prior to using the vehicles.

This is a Severity Level III violation (Enforcement Policy Section 6.8.c.3).
Civil Penalty - \$8,750. EA-23-064

II. Violations Not Assessed a Civil Penalty

- D. 10 CFR 20.1801 requires that the licensee shall secure from unauthorized removal or access licensed materials that are stored in controlled or unrestricted areas.

Contrary to the above, on March 29, 2023, the licensee failed to secure from unauthorized removal or access licensed materials that were stored in controlled or unrestricted areas. Specifically, the licensee left two vehicles unlocked and unattended with the keys left in the ignition while storing radioactive materials in the vehicles.

This is a Severity Level III violation (Enforcement Policy Section 6.7.c.10(a)).

- E. 10 CFR 39.65(a) requires, in part, that all personnel dosimeters must be evaluated at least quarterly or promptly after replacement.

Contrary to the above, from April through October 2022, the licensee failed to evaluate personnel dosimeters at least quarterly or promptly after replacement. Specifically, the licensee failed to evaluate an employee's personal dosimeter promptly after replacement for two consecutive quarterly monitoring periods and did not return the dosimeters for evaluation.

This is a Severity Level IV violation (Enforcement Policy Section 6.3.d.3).

- F. 10 CFR 39.73 requires, in part, that each licensee shall maintain the following documents and records at field stations: records of radiation survey instrument calibrations required by 10 CFR 39.33; records of leak test results required by 10 CFR 39.35; utilization records required by 10 CFR 39.39; training records required by 10 CFR 39.61(d); and survey records required by 10 CFR 39.67.

Contrary to the above, from March 2020 through March 2023, the licensee failed to maintain the following documents and records at field stations: records of radiation survey instrument calibrations required by 10 CFR 39.33; records of leak test results required by 10 CFR 39.35; utilization records required by 10 CFR 39.39; training records required by 10 CFR 39.61(d); and survey records required by 10 CFR 39.67. Specifically, the licensee did not keep records required by 10 CFR 39.73 at the field station in Gillette, Wyoming.

This is a Severity Level IV violation (Enforcement Policy Section 6.3.d.3).

G. NRC Materials License 35-04017-04, Amendment 38, Condition 21.A requires, in part, that the licensee conduct its program in accordance with the license application dated November 7, 2018. In the application, Radioactive Source Operations Procedures Technical Report (TR-155), Section XII, "Radioactive Equipment Inspection and Maintenance" Step B, "Records of Equipment Inspections," states, in part, that records of equipment inspections will be documented on the company's "Radiation Inspection Form" at 6-month intervals.

Contrary to the above, from March 2020 through December 2022, the licensee failed to document records of equipment inspections on the company's "Radiation Inspection Form" at 6-month intervals. Specifically, the licensee did not document records of equipment inspections to demonstrate that 6-month equipment maintenance and inspection occurred.

This is a Severity Level IV violation (Enforcement Policy Section 6.3.d.3).

Pursuant to 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, U.S. Nuclear Regulatory Commission, Region IV, 1600 East Lamar Blvd., Arlington, Texas 76011-4511, and email it to R4Enforcement@nrc.gov within 30 days of the date of the letter transmitting this Notice of Violation and Proposed Imposition of Civil Penalties (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation and Proposed Imposition of Civil Penalties, EA-23-064" and should include for Violations A, B, and C: (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 was or 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, the NRC may issue an order or a demand for information requiring you to explain why your 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.

For Violations D through G, the NRC has concluded that information regarding: (1) the reason for the violations; (2) the corrective actions taken and planned to correct the violations and prevent recurrence; and (3) the date when full compliance was achieved is already adequately addressed on the docket in NRC Inspection Report 030-11376/2022-001 and in your letter dated September 30, 2023.

However, for Violations D through G, if the description therein does not accurately reflect your position or your corrective actions, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 within 30 days of the date of the letter transmitting this Notice. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation and Proposed Imposition of Civil Penalties, EA-23-064," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001

with a copy to the Regional Administrator, U.S. Nuclear Regulatory Commission, Region IV, 1600 East Lamar Blvd., Arlington, Texas 76011-4511, and email it to R4Enforcement@nrc.gov.

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, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

You may pay the civil penalties proposed above through one of the following two methods:

1. Submit the payment with the enclosed invoice for Civil Penalties EA-23-064, issued to Century Geophysical, LLC, to the following address:

Office of the Chief Financial Officer
U.S. Nuclear Regulatory Commission
P.O. Box 979051
St. Louis, MO 63197

OR

2. Submit the payment in accordance with NUREG/BR-0254.

You may protest the proposed imposition of the civil penalties in whole or in part, by a written answer addressed to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, within 30 days of the date of this Notice. Should you elect to file an answer in accordance with 10 CFR 2.205 protesting the civil penalties, in whole or in part, such answer should be clearly marked as an "Answer to a Notice of Violation, EA-23-064," and may: (1) deny the violation(s) listed in this Notice, in whole or in part; (2) demonstrate extenuating circumstances; (3) show error in this Notice; or (4) show other reasons why the penalties should not be imposed. In addition to protesting the civil penalties in whole or in part, such answer may request remission or mitigation of the penalties. Should you fail to answer or pay the civil penalties within 30 days of the date of this Notice, the NRC may issue an order imposing the civil penalties.

In requesting mitigation of the proposed penalties, the response should address the factors addressed in Section 2.3.4 of the Enforcement Policy. Any written answer addressing these factors pursuant to 10 CFR 2.205 should be set forth separately from the statement or explanation provided pursuant to 10 CFR 2.201 but may incorporate parts of the 10 CFR 2.201 reply by specific reference (e.g., citing page and paragraph numbers) to avoid repetition. The attention of the licensee is directed to the other provisions of 10 CFR 2.205 regarding the procedure for imposing the civil penalties.

Upon failure to pay any civil penalties which subsequently has been determined in accordance with the applicable provisions of 10 CFR 2.205 to be due, this matter may be referred to the Attorney General, and the penalties, unless compromised, remitted, or mitigated, may be collected by civil action pursuant to Section 234c of the Act, 42 U.S.C. 2282c.

The responses noted above, i.e., "Reply to a Notice of Violation and Proposed Imposition of Civil Penalties, EA-23-064" and "Answer to a Notice of Violation, EA-23-064," should be addressed to: Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852-2738, with a copy to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, and a copy to the Regional Administrator, U.S. Nuclear Regulatory Commission, Region IV, 1600 East

Lamar Blvd., Arlington, Texas 76011-4511.

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 website at <http://www.nrc.gov/reading-rm/adams.html>. Therefore, to the extent possible, the 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 that such material is withheld from public disclosure, you must specifically identify the portions of your response that you seek to have withheld and provide in detail the bases for your claim (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 19.11, you are required to post this Notice within 2 working days of receipt.

Dated this 21st day of December 2023

CORRECTIVE ACTION CREDIT EVALUATION

The NRC performed a *Corrective Action* credit evaluation of the Severity Level III problem (Violations A and B) and Violation C identified in the cover letter and in Enclosure 1 as part of the civil penalty assessment process in Section 2.3.4 of the NRC Enforcement Policy.

The purpose of the *Corrective Action* factor is to encourage licensees to: (1) take the immediate actions necessary upon discovery of a violation that will restore safety, security, and compliance with the license, regulation(s), or other requirement(s) and (2) develop and implement (in a timely manner) the lasting actions that will not only prevent recurrence of the violation at issue, but will be appropriately comprehensive, given the significance and complexity of the violation, to prevent occurrence of violations with similar root causes.

Regardless of other circumstances (e.g., past enforcement history, identification), the NRC evaluates the licensee's corrective actions as part of the civil penalty assessment process. As a reflection of the importance given to this factor, an NRC judgment that the licensee's corrective action has not been prompt and comprehensive will result in the issuance of civil penalty.

In assessing the *Corrective Action* factor, the NRC considers the timeliness of the corrective action (including the promptness in developing the schedule for long-term corrective action), the adequacy of the licensee's root cause analysis for the violation, and, given the significance and complexity of the issue, the comprehensiveness of the corrective action (i.e., whether the action is focused narrowly on the specific violation or broadly on the general area of concern).

Corrective Action Evaluation:

For the Severity Level III problem (Violations A and B), the NRC concluded that the licensee's corrective actions were comprehensive. However, the licensee failed to take prompt corrective actions. After Violation A was identified by NRC inspectors and communicated to the licensee in March 2023, the licensee did not provide any additional on-the-job training or other relevant training to the employees acting as well logging supervisors. Additionally, the licensee did not immediately perform a field evaluation for these employees; a field evaluation was not performed until November 12, 2023.

For Violation C, the NRC similarly concluded that the licensee's corrective actions were comprehensive, but the licensee failed to take prompt corrective actions. The NRC inspectors made the licensee aware of the radiation survey requirements in 10 CFR 39.67(b) during the March 2023 field station visit, and again during the headquarters visit in April 2023. However, the licensee continued to transport licensed materials during this time without performing surveys as required, until the implementation of a radiation survey form by June 30, 2023.

Corrective Action Credit Conclusion:

The NRC concluded that for both the Severity Level III problem and Violation C, *Corrective Action* credit is not warranted because corrective actions were not timely.

Civil Penalty Invoice



Century Geophysical, LLC
1223 S. 71ST E. AVENUE
TULSA, OK 74112



Address/Customer Information

Century Geophysical, LLC
1223 S. 71ST E. AVENUE
TULSA, OK 74112

Customer Codes

Account Code: L00001078/1

Bill Information

Bill Number: EA-23-064
Amount Due: \$17,500.00

Contact Us

Phone Number: 301-415-7554
Fax Number: 301-415-4135
Email Address: Fees.Resource@nrc.gov

Remit to Address

Office of the Chief Financial Officer
U.S. Nuclear Regulatory Commission
P.O. Box 979051
St. Louis, MO 63197

Bill Summary

Initial Charges	\$17,500.00
Discount	0.00
Surcharge	0.00
Interest Charges	0.00
Penalty Charges	0.00
Admin Charges	0.00
Bill Amount	\$17,500.00
Collected	0.00
Applied Credit	0.00
Adjustments	0.00
Amount Due	\$17,500.00

Credit Summary

Applied Credit	\$0.00
Unapplied Credit	0.00
Credit Total	\$0.00

Comments:

For questions, contact (301) 415-7554 or by email at Fees.Resource@nrc.gov. For NRC debt collection procedures, including interest and penalty provisions, see 31 U.S.C. 3717, 4 CFR 101-105, AND 10 CFR 15.

For questions, contact (301) 415-7554 or by email at Fees.Resource@nrc.gov. For NRC debt collection procedures, including interest and penalty provisions, see 31 U.S.C. 3717, 4 CFR 101-105, AND 10 CFR 15. Invoice if for Civil Penalty EA., issued to Century Geophysical, LLC.

Customer Information

L00001078/1
Century Geophysical, LLC
1223 S. 71ST E. AVENUE
TULSA, OK 74112

Change of Address:

Phone:

Remittance Information

Office of the Chief Financial Officer
U.S. Nuclear Regulatory Commission
P.O. Box 979051
St. Louis, MO 63197

This Payment References the following Bill:

EA-23-064

Outstanding Amount Due:

\$17,500.00

Amount Enclosed:

NUREG/BR-0254
Payment Methods

QUESTIONS?

If you have questions, please visit <https://www.nrc.gov> and search for "License Fees."

Questions may also be directed to the NRC Accounts Receivable Help Desk by sending an e-mail to nrc@fiscal.treasury.gov, by calling (301) 415-7554, or by writing to the address below:

U.S. NUCLEAR REGULATORY COMMISSION
OCFO/DOC/LAFBB
Washington, DC 20555-0001



Payment Methods

U.S. NUCLEAR REGULATORY COMMISSION
OCFO/DOC/LAFBB
Washington, DC 20555-0001
PH (301) 415-7554



NUREG/BR-0254, Rev. 11
October 2023

STAY CONNECTED



Paperwork Reduction Act This NUREG/BR provides guidance for completing the voluntary information collection in NRC Form 629. The estimated burden per response for completing NRC Form 629 is 10 minutes. This information collection was approved by the Office of Management and Budget (OMB), approval numbers 3150-0190. Send comments regarding this information collection to the FOIA, Library, and Information Collections Branch (T6-A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555 0001, or by e mail to Infocollects.Resource@nrc.gov, and to the OMB reviewer at: OMB Office of Information and Regulatory Affairs (3150-0190), Attn: Desk Officer for the Nuclear Regulatory Commission, 725 17th Street, NW Washington, DC 20503; e mail: oira_submission@omb.eop.gov.

Public Protection Notification The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless the document requesting or requiring the collection displays a currently valid OMB control number.

The NRC accepts the methods described below.

PAYMENT BY AUTOMATED CLEARINGHOUSE

To pay by Automated Clearinghouse/Electronic Data Interchange (ACH/EDI), provide a copy of NRC Form 628 to your financial institution. You may obtain a copy of NRC Form 628 from the NRC Web site at <http://www.nrc.gov> by searching for "NRC Form 628." You can also obtain a form by calling the NRC Accounts Receivable Help Desk at (301) 415-7554.

PAYMENT BY CREDIT CARD

The NRC currently accepts credit card payments of up to \$24,999.99. For payment by credit card, go to Pay.gov, search for "U.S. Nuclear Regulatory Commission Fees," and enter the required information.



You may also mail or fax NRC Form 629 following the directions on the form. To obtain a copy of NRC

Form 629, go to <http://www.nrc.gov> and search for "NRC Form 629" or call the NRC Accounts Receivable Help Desk at (301) 415-7554.

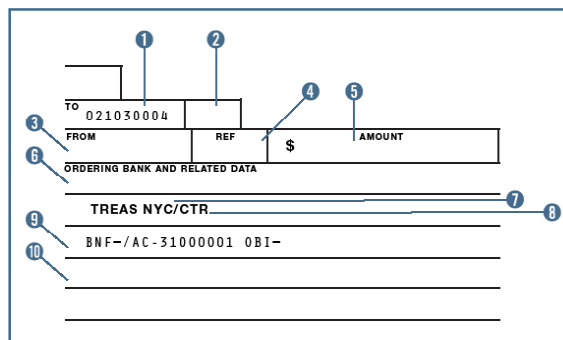
PAYMENT BY DIGITAL WALLET

The NRC currently accepts payments of up to \$10,000.00. For payment by PayPal and Amazon Pay, go to Pay.gov, search for "U.S. Nuclear Regulatory Commission Fees," and enter the required information.



The NRC can receive funds through the U.S. Department of the Treasury (Treasury) Fedwire Deposit System. The basic wire message format below complies with the Federal Reserve Board's standard structured third-party format for all electronic funds transfer (EFT) messages.

See the sample EFT message to Treasury below. Each numbered field is described below.



- 1 RECEIVER-DFI#**—Treasury's ABA number for deposit messages is 021030004.
- 2 TYPE-SUBTYPE-CD**—The sending bank will provide the type and subtype code.
- 3 SENDER-DFI#**—The sending bank will provide this number.
- 4 SENDER-REF#**—The sending bank will insert this 16-character reference number at its discretion.
- 5 AMOUNT**—The transfer amount must be punctuated with commas and a decimal point; use of the "\$" is optional. The depositor will provide this item.
- 6 SENDER-DFI-NAME**—The Federal Reserve Bank will automatically insert this information.
- 7 RECEIVER-DFI-NAME**—Treasury's name for deposit messages is "TREAS NYC". The sending bank will enter this name.
- 8 PRODUCT CODE**—A product code of "CTR" for customer transfer should be the first item in the receiver text field. Other values may be entered, if appropriate, using the ABA's options. A slash must be entered after the product code.
- 9 AGENCY LOCATION CODE (ALC)**—THIS ITEM IS OF CRITICAL IMPORTANCE. IT MUST APPEAR ON THE FUNDS TRANSFER DEPOSIT MESSAGE IN THE PRECISE MANNER AS STATED TO ALLOW FOR THE AUTOMATED PROCESSING AND CLASSIFICATION OF THE FUNDS TRANSFER MESSAGE TO THE AGENCY LOCATION CODE OF THE APPROPRIATE AGENCY. The ALC identification sequence can, if necessary, begin on one line and end on the next line; however, the field tag "BNF=" must be on one line and cannot contain any spaces. The NRC's eight-digit ALC is: BNF=/AC-31000001
- 10 THIRD-PARTY INFORMATION**—The Originator to Beneficiary Information (OBI) field tag "OBI=" signifies the beginning of the free-form third-party text. All other identifying information intended to enable the NRC to identify the deposit—for example, NRC annual fee invoice number, description of fee, 10 CFR Part 171 annual fee, and licensee name—should be placed in this field.

The optimum format for fields 7, 8, 9, and 10 using an eight-digit ALC is as follows:

TREAS NYC/CTR/BNF=/AC-31000001 OBI=

The optimum format, shown above, will allow 219 character positions of information following the "OBI=" indicator.

If the licensee's bank is not a member of the Federal Reserve System, the nonmember bank must transfer the necessary information and funds to a member bank, which then must transfer the information and funds to the local Federal Reserve Bank.

For a transfer of funds from local Federal Reserve Banks to be recorded on the same day, the transfer must be received at the New York Federal Reserve Bank by 4 p.m., EST. Otherwise, the deposit will be recorded on the next workday.

PAYMENT BY CHECK

Checks should be made payable to the U.S. Nuclear Regulatory Commission with the invoice number, Enforcement Action number, or other information that identifies the payment written on the check. Mail the check to the following address:

U.S. Nuclear Regulatory Commission
U.S. Bank
P.O. Box 979051
St. Louis, MO 63197-9000

FedEx or overnight mailings must be delivered to the following address:

U.S. Nuclear Regulatory Commission
U.S. Bank
SL-MO-R1GL
3180 Rider Trail S.
Earth City, MO 63045

TAXPAYER IDENTIFICATION NUMBER

You must file your Taxpayer Identification Number (TIN) with the NRC. Use NRC Form 531 to provide your TIN. You may obtain NRC Form 531 from the NRC Web site at <http://www.nrc.gov> by searching for "NRC Form 531" or by calling the NRC Accounts Receivable Help Desk at (301) 415-7554.