



RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) REQUEST

NRC-2018-000419

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RESPONSE TYPE INTERIM FINAL

REQUESTER:

Adam M. Frank (Rochester Institute of Technology)

DATE:

03/14/2018

DESCRIPTION OF REQUESTED RECORDS:

Documents containing information on the production of currently commissioned In Situ Leach (ISL) uranium mines within the United States for the time span of 2014 to 2017 (or up to 2016 if documents for last year are not available)

PART I. -- INFORMATION RELEASED

You have the right to seek assistance from the NRC's FOIA Public Liaison. Contact information for the NRC's FOIA Public Liaison is available at <https://www.nrc.gov/reading-rm/foia/contact-foia.html>

- Agency records subject to the request are already available on the Public NRC Website, in Public ADAMS or on microfiche in the NRC Public Document Room.
- Agency records subject to the request are enclosed.
- Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- We are continuing to process your request.
- See Comments.

PART I.A -- FEES

NO FEES

AMOUNT*

*See Comments for details

- You will be billed by NRC for the amount listed.
- You will receive a refund for the amount listed.
- Fees waived.

- Minimum fee threshold not met.
- Due to our delayed response, you will not be charged fees.

PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE

- We did not locate any agency records responsive to your request. *Note:* Agencies may treat three discrete categories of law enforcement and national security records as not subject to the FOIA ("exclusions"). 5 U.S.C. 552(c). This is a standard notification given to all requesters; it should not be taken to mean that any excluded records do, or do not, exist.
- We have withheld certain information pursuant to the FOIA exemptions described, and for the reasons stated, in Part II.
- Because this is an interim response to your request, you may not appeal at this time. We will notify you of your right to appeal any of the responses we have issued in response to your request when we issue our final determination.
- You may appeal this final determination within 90 calendar days of the date of this response by sending a letter or e-mail to the FOIA Officer, at U.S. Nuclear Regulatory Commission, Washington, D.C. 20555-0001, or FOIA.Resource@nrc.gov. Please be sure to include on your letter or email that it is a "FOIA Appeal." You have the right to seek dispute resolution services from the NRC's Public Liaison, or the Office of Government Information Services (OGIS). Contact information for OGIS is available at <https://ogis.archives.gov/about-ogis/contact-information.htm>

PART I.C COMMENTS (Use attached Comments continuation page if required)

Please see attached Appendix A of responsive records to your request that are already publicly available.

Records with an ML Accession Number are publicly available in the NRC's Public Electronic Reading Room at <http://www.nrc.gov/reading-rm.html>. If you need assistance in obtaining these records, please contact the NRC's Public Document Room (PDR) at 301-415-4737 or 1-800-397-4209, or by email to PDR.Resource@nrc.gov.

Signature - Freedom of Information Act Officer or Designee

Stephanie A. Blaney

Digitally signed by Stephanie A. Blaney
Date: 2018.03.14 13:38:32 -04'00'

APPENDIX A

Records already publicly available

<u>NO.</u>	<u>DATE</u>	<u>ACCESSION NUMBER</u>	<u>DESCRIPTION/ (PAGE COUNT)</u>
1)	01/24/2014	ML14205A227	Crow Butte Annual Report of Changes, Tests or Experiments
2)	01/28/2014	ML14036A123	Lost Creek ISR, LLC, Submittal Semi-Annual Report Pursuant to License Condition 11.1(B)
3)	02/18/2014	ML14042A242	Lost Creek Annual Report Revision 1 to WDEQ
4)	02/19/2014	ML14065A111	Annual Report of Changes, Tests, or Experiments Pursuant to License Condition 9.4(E) Lost Creek ISR Project
5)	02/28/2014	ML14071A019	Semiannual Radiological Effluent and Environmental Monitoring Report for the Crow Butte Uranium Project
6)	02/28/2014	ML14066A398	NRC License SUA-1548, Docket No. 40-8964, Semi-Annual Effluent and Environmental Monitoring Report, July 1 through December 31, 2013
7)	02/28/2014	ML14070A448	Lost Creek ISR Project, Semi-Annual Effluent and Environmental Monitoring Report Pursuant to License Condition 11.1(D)
8)	03/06/2014	ML14114A372	Wyoming Department of Environmental Quality (WDEQ) -Land Quality Division (LQD) February 2014 Inspection Report
9)	03/24/2014	ML14099A434	WDEQ 3-28-14 Summary of March 2014 Inspection
10)	04/14/2014	ML14105A305	Log of Daily Pond Inspections for Lost Creek
11)	04/24/2014	ML14069A315	Strata Ross Source and Byproduct Materials License SUA-1601
12)	05/07/2014	ML14181A941	WDEQ Summary of April 2014 Inspection
13)	05/13/2014	ML14134A150	IR 04009068-13-001; 06/24-27/2013, 07/29-30/2013 & 08/27/2013; Lost Creek ISR, LLC, U.S. Nuclear Regulatory Commission (NRC) Inspection Report
14)	06/05/2014	ML14181A995	WDEQ Summary of May 2014 Inspection
15)	07/30/2014	ML14219A323	Lost Creek ISR Project, Semi-Annual Reporting Pursuant to License Condition 11.1(B) 1St Half 2014
16)	08/01/2014	ML14213A523	IR 04008964-14-001, May 20-22, 2014, Power Resources, Inc.
17)	08/11/2014	ML14234A074	Strata Energy, Inc., Ross In Situ Recovery Project, Submittal of Semiannual and Effluent Report for April 24 through June 30, 2014
18)	08/26/2014	ML14252A203	Semiannual Radiological Effluent and Environmental Monitoring Report Source Materials License No. SUA-1534, Docket No. 40-8943

- 19) 08/29/2014 ML14253A214 Lost Creek - Semi-Annual Effluent and Environmental Monitoring Report Pursuant to License Condition 11.1(D) for the period of January 1 - June 30, 2014
- 20) 08/29/2014 ML14246A175 Semi-Annual Effluent and Environmental Monitoring Report, January 1 through June 30, 2014
- 21) 11/14/2014 ML14318A974 IR 04009068-13-002 and 040-09068-14-001, Lost Creek, Inspection Report and NOV
- 22) 12/18/2014 ML15014A216 Submittal of Annual Letter Report Required Under Programmatic Agreement
- 23) 01/06/2015 ML15027A420 Strata Energy, Inc., Semiannual Report, Second Half 2014 and Annual Report, 2014
- 24) 01/08/2015 ML16014A693 Crow Butte Operation - Annual Report of Changes, Tests, or Experiments
- 25) 01/08/2015 ML15014A427 Crow Butte Operation Annual Report of Changes, Tests, or Experiments
- 26) 11/21/2014 ML14344A370 Submittal of the 2014 Annual Report Lost Creek ISR Project PT788 Sweetwater County, WY
- 27) 01/30/2015 ML15041A551 Semi-Annual Reporting Pursuant to License Condition 11.1(B) 2nd Half 2014 Lost Creek ISR Project, License SUA-1598
- 28) 02/06/2015 ML15050A042 Lost Creek ISR Project - Annual Report of Changes, Tests, or Experiments Pursuant to License Condition 9.4(E)
- 29) 02/24/2015 ML15069A256 Lost Creek ISR Project, Semi-Annual Effluent and Environmental Monitoring Report 2nd Half 2014
- 30) 02/26/2015 ML15069A259 Cameco Resources - Semi-Annual Effluent and Environmental Monitoring Report, July 1 through December 31, 2014
- 31) 02/27/2015 ML15070A006 Crow Butte Uranium Project - Semiannual Radiological Effluent and Environmental Monitoring Report
- 32) 03/06/2015 ML15076A038 Semi-Annual Effluent and Environmental Monitoring Report July 1 through December 31, 2013, January 1 through June 30, 2014 July 1 through December 31, 2014
- 33) 04/08/2015 ML15110A334 Submittal of Crow Butte Mine 2014 Annual ALARA Report and 2014 Land Use Survey
- 34) 04/23/2015 ML15131A027 Crow Butte - Replacement Pages for Semiannual Radiological Effluent and Environmental Monitoring Report
- 35) 07/09/2015 ML15196A573 State of WY, Dept. of Environmental Quality, Submittal of Site Inspection on 06/29/2015
- 36) 07/14/2015 ML15191A335 IR 04008964/2015001, on 04/14/15 - 04/16/15, Smith Ranch In-Situ Recovery Facility, NRC Inspection Report and Notice of Violation, License SUA-1548

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| 37) | 07/15/2015 | ML14162A069 | License Amendment No. 3, Source and Byproduct Materials License SUA-1598, Lost Creek |
| 38) | 07/22/2015 | ML15069A465 | 2014 Strata Energy, Inc. In Situ Recovery Facility 2015 Annual Surety Update SER Input |
| 39) | 07/28/2015 | ML15218A015 | Lost Creek ISR Project - Semi-Annual Reporting Pursuant to License Condition 11.1(B), 1st Half 2015 |
| 40) | 08/21/2015 | ML15244B157 | Crow Butte Uranium Project - Semiannual Radiological Effluent and Environmental Monitoring Report |
| 41) | 08/26/2015 | ML15247A058 | Smith Ranch-Highland Operation - Semi-Annual Effluent and Environmental Monitoring Report, January 1 through June 30, 2015 |
| 42) | 08/26/2015 | ML15247A061 | Strata Energy, Inc. - Ross In Situ Recovery Project, January 1-June 30, 2015 Semi-Annual Report |
| 43) | 08/27/2015 | ML15253A502 | Lost Creek ISR, Semi-Annual Effluent and Environmental Monitoring Report 1st Half 2015 |
| 44) | 08/28/2015 | ML15253A499 | Semi-Annual Effluent and Environmental Monitoring Report, January 1 through June 30, 2015 |
| 45) | 09/11/2015 | ML15254A403 | IR 04009068/2015001, on 01/27-29/2015, Lost Creek, NRC Inspection and Notice of Violation |
| 46) | 10/01/2015 | ML15279A061 | WDEQ September 2015 Inspection Report, Lost Creek |
| 47) | 10/23/2015 | ML15317A429 | Lost Creek 2015 Annual Report to WDEQ |
| 48) | 12/08/2015 | ML16022A144 | Lost Creek ISR Project - Submittal of Annual Storage Pond Inspection Report |
| 49) | 12/30/2015 | ML16021A206 | Strata Energy, Inc. - Submittal of Annual Report Required Under Programmatic Agreement |
| 50) | 01/08/2016 | ML16014A693 | Crow Butte Operation - Annual Report of Changes, Tests, or Experiments |
| 51) | 01/18/2016 | ML16064A240 | Ross In-Situ Uranium Recovery Project, Cultural Resources Management, Annual Report and Evaluation, Implementation of the Programmatic Agreement |
| 52) | 01/28/2016 | ML16041A270 | Lost Creek ISR Project - Semi-Annual Reporting Pursuant to License Condition 11.1(B), Second Half 2015 |
| 53) | 02/04/2016 | ML16082A161 | Lost Creek Submittal to WDEQ-WQD Class I UIC 2015 Annual Report |
| 54) | 02/10/2016 | ML16057A188 | Lost Creek ISR Project - Annual Report of Changes, Tests, or Experiments Pursuant to License Condition 9.4(E) |
| 55) | 02/17/2016 | ML16071A429 | Crow Butte Semiannual Effluent and Environmental Monitoring Report 3rd and 4th Quarter 2015 |
| 56) | 02/25/2016 | ML16063A305 | Cameco Resources - Semi-Annual Effluent and Environmental Monitoring Report, July 1 through December 31, 2015 |

- 57) 02/25/2016 ML16076A276 Strata Energy, Inc., - Submittal of July 2015 - December 2015 Semi-Annual Environment and Effluent Report
- 58) 02/28/2016 ML17128A305 Cameco Resources, Semi Annual Effluent and Environmental Monitoring Report, July 1 through December 31, 2016
- 59) 02/28/2016 ML16088A223 Strata Energy, Inc., Ross In Situ Recovery Project, Docket No. 040-09091, Submittal of the 2015 Annual Report Required Under the Programmatic Agreement
- 60) 02/29/2016 ML15348A081 Cameco Smith Ranch Amendment No. 24 to Source Materials License SUA-1548
- 61) 03/17/2016 ML16088A024 Lost Creek ISR Project - Semi-Annual Effluent and Environmental Monitoring Report 2nd Half 2015
- 62) 03/29/2016 ML16097A259 Crow Butte Uranium Project - Semiannual Radiological Effluent and Environmental Monitoring Report
- 63) 07/22/2016 ML16230A016 Semi-Annual Reporting Pursuant to License Condition 11.1(B) 1st Half 2016 - Lost Creek ISR Project, License SUA-1598
- 64) 08/26/2016 ML16244A065 Cameco Resources - Submittal of Semi-Annual Effluent and Environmental Monitoring Report, January 1 Through June 30, 2016
- 65) 08/26/2016 ML16246A014 Cameco Resources - Submittal of Semi-Annual Effluent and Environmental Monitoring Report, January 1 Through June 30, 2016
- 66) 08/26/2016 ML16246A015 Strata Energy, Inc., Ross In-Situ Recovery Project January - June 2016 Semi-Annual Effluent and Environmental Monitoring Report
- 67) 08/29/2016 ML16253A344 Crow Butte Uranium Project Semiannual Radiological Effluent and Environmental Monitoring Report for First and Second Quarters 2016
- 68) 08/31/2016 ML16258A013 Lost Creek ISR, LLC, Semi-Annual Effluent and Environmental Monitoring Report 1st Half 2016
- 69) 10/21/2016 ML16306A177 2016 Annual Report (AR) for the Lost Creek ISR Project
- 70) 10/24/2016 ML16306A180 Lost Creek ISR, LLC 2016 WDEQ-LQD Annual Report - Figure 3.1-1A Site Wells
- 71) 10/27/2016 ML16315A387 Lost Creek ISR, LLC, Submittal of MU1 Water Quality Data 3rd Quarter 2016
- 72) 11/08/2016 ML17362A164 Lost Creek's 2016 Annual Pond Inspection
- 73) 11/23/2016 ML16328A121 NRC Inspection Report 040-08964/2016-001 Power Resources, Inc
- 74) 12/05/2016 ML16344A067 State of WY, Dept. of Environmental Quality, Submittal of Report of the Site Inspection Completed on 10/28/2016

75)	12/06/2016	ML16355A011	Supplement Semi-Annual Effluent and Environmental Monitoring Report, January 1 through June 30, 2016
76)	12/21/2016	ML16356A671	NRC Inspection Report 040-09068/2016-001
77)	12/30/2016	ML17024A283	Strata Energy, Inc., Ross In-Situ Recovery Project Submittal of 2016 Annual Report Required Under Programmatic Agreement
78)	01/23/2017	ML17034A044	Cameco Resources - Annual Report of Changes, Tests, or Experiments for 2016
79)	01/27/2017	ML17040A412	Lost Creek ISR Project - Semi-Annual Report Pursuant to License Condition 11.1(B) for Second Half 2016
80)	02/28/2017	ML17067A176	Strata Energy Ross ISR Project - Semi-Annual Effluent and Environmental Monitoring Report for 07/01/2016 - 12/31/2016
81)	03/06/2017	ML17102B084	Lost Creek ISR, LLC - Semi-Annual Effluent and Environmental Monitoring Report 2nd Half 2016
82)	03/15/2017	ML17083A258	Annual Report of Changes, Tests, or Experiments Pursuant to License Condition 9.4(E) Lost Creek ISR Project
83)	03/22/2017	ML17094A737	Strata Energy Inc., Ross ISR Project - Revised Pages for the July - December 2016 Semi-Annual Effluent Report
84)	03/29/2017	ML17102A994	Strata Energy, Inc., Ross In Situ Recovery Project - 2016 Annual Report
85)	04/03/2017	ML17079A564	Cameco Resources/Power Resources, Inc., Inspection Report 04008964/2016003
86)	05/22/2017	ML17143A135	Crow Butte resources, Inc., Crow Butte Project - RE:Crow Butte Semi-Annual Report 2nd Half 2016
87)	06/09/2017	ML17142A357	Cameco Resources/Power Resources, Inc., NRC Inspection Report 040-08964/2017-001
88)	06/29/2017	ML17151B102	EA-16-262_Cameco Resources_Power Resources, Inc._NOTICE OF VIOLATION AND NRC INSPECTION REPORT 040-08964/2016-003
89)	07/19/2017	ML17194A721	Crowbutte - NRC Inspection Report 040-08943/2017-001
90)	07/26/2017	ML17216A037	Lost Creek ISR - Semi-Annual Reporting re License Condition 11.1(B) 1st Half of 2017
91)	08/04/2017	ML17215A944	Lost Creek ISR - NRC Inspection Report 040-08943/2017-001 and Notice of Violation
92)	08/17/2017	ML17255A085	2017 Willow Creek Annual Report
93)	08/23/2017	ML17244A285	Crow Butte Uranium Project - Semi-Annual Radiological Effluent and Environmental Monitoring Report

- 94) 08/29/2017 ML17251B124 Cameco Resources - Supplement Semi-Annual Effluent and Environmental Monitoring Report, January 1 through June 30, 2017
- 95) 09/01/2017 ML17244A161 Strata Semi-Annual Effluent Report Jan-Jun 2017 Extension Request
- 96) 09/06/2017 ML17268A151 Lost Creek ISR Project - Semi-Annual Effluent and Environmental Monitoring Report 1st Half 2017
- 97) 10/05/2017 ML17013A659 Crow Butte Resources License (Amendment 2)
- 98) 10/20/2017 ML17306A008 Lost Creek's Submittal of 2017 Annual Report to WDEQ
- 99) 10/25/2017 ML17313A794 Uranerz Energy Corp., Transmittal of 3rd Quarter 2017 Report
- 100) 11/30/2017 ML080080594 License Application for Energy Fuels, Inc., Uranerz Nichols Ranch
- 101) 11/30/2017 ML17331B446 Lost Creek ISR - NRC Inspection Report 04009068/17002 and Notice of Violation
- 102) 12/27/2017 ML17354B228 Power Resources Inc. 040-08964, NRC Inspection Report 2017-002
- 103) 01/23/2018 ML18023B551 Uranerz Energy Corporation Nichols Ranch ISR Project, WDEQ-LQD Permit to Mine No. 778 - Quarter Report