

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
Under the Securities Exchange Act of 1934

For the month of **March 2012**

Commission File No.: **001-33905**

UR-ENERGY INC.

(Translation of the registrant's name into English)

**10758 W Centennial Road, Suite 200
Littleton, Colorado 80127**

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No



FURNISHED HEREWITH

Exhibit

- 99.1 FORM 52-109F1 CERTIFICATION OF ANNUAL FILINGS FULL CERTIFICATE - Chief Financial Officer
 - 99.2 FORM 52-109F1 CERTIFICATION OF ANNUAL FILINGS FULL CERTIFICATE - Chief Executive Officer
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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

UR-ENERGY INC.

Date: March 05, 2012

By: /s/ Roger Smith
Roger Smith, Chief Financial Officer

FORM 52-109F1

CERTIFICATION OF ANNUAL FILINGS

I, Roger Smith, the Chief Financial Officer of Ur-Energy Inc., certify the following:

1. *Review:* I have reviewed the Annual Report on Form 40-F (AIF), annual financial statements and annual MD&A, including, for greater certainty, all documents and information that are incorporated by reference in the Annual Report on Form 40-F (AIF) (together, the "annual filings") of the issuer for the financial year ended December 31, 2011.
2. *No misrepresentations:* Based on my knowledge, having exercised reasonable diligence, the annual filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, for the period covered by the annual filings.
3. *Fair presentation:* Based on my knowledge, having exercised reasonable diligence, the annual financial statements together with the other financial information included in the annual filings fairly present in all material respects the financial condition, financial performance and cash flows of the issuer, as of the date of and for the periods presented in the annual filings.
4. *Responsibility:* The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (DC&P) and internal control over financial reporting (ICFR), as those terms are defined in National Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*, for the issuer.
5. *Design:* Subject to the limitations, if any, described in paragraphs 5.2 and 5.3, the issuer's other certifying officer(s) and I have, as at the financial year end
 - (a) designed DC&P, or caused it to be designed under our supervision, to provide reasonable assurance that
 - (i) material information relating to the issuer is made known to us by others, particularly during the period in which the annual filings are being prepared; and
 - (ii) information required to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation; and
 - (b) designed ICFR, or caused it to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the issuer's GAAP.
- 5.1 *Control Framework:* The control framework the issuer's other certifying officer(s) and I used to design the issuer's ICFR is similar to that of the *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).
- 5.2 N/A
- 5.3 N/A
6. *Evaluation:* The issuer's other certifying officer(s) and I have
 - (a) evaluated, or caused to be evaluated under our supervision, the effectiveness of the issuer's DC&P at the financial year end and the issuer has disclosed in its annual MD&A our conclusions about the effectiveness of DC&P at the financial year end based on that evaluation; and
 - (b) evaluated, or caused to be evaluated under our supervision, the effectiveness of the issuer's ICFR at the financial year end and the issuer has disclosed in its annual MD&A
 - (i) our conclusions about the effectiveness of ICFR at the financial year end based on that evaluation; and
 - (ii) N/A.
7. *Reporting changes in ICFR:* The issuer has disclosed in its annual MD&A any change in the issuer's ICFR that occurred during the period beginning on January 1, 2011 and ended on December 31, 2011 that has materially affected, or is reasonably likely to materially affect, the issuer's ICFR.
8. *Reporting to the issuer's auditors and board of directors or audit committee:* The issuer's other certifying officer(s) and I have disclosed, based on our most recent evaluation of ICFR, to the issuer's auditors, and the board of directors or the audit committee of the board of directors any fraud that involves management or other employees who have a significant role in the issuer's ICFR.

Date: March 5, 2012.

/s/ Roger Smith

Roger Smith
Chief Financial Officer

FORM 52-109F1

CERTIFICATION OF ANNUAL FILINGS

I, Wayne W. Heili, the Chief Executive Officer of Ur-Energy Inc., certify the following:

1. *Review:* I have reviewed the Annual Report on Form 40-F (AIF), annual financial statements and annual MD&A, including, for greater certainty, all documents and information that are incorporated by reference in the Annual Report on Form 40-F (AIF) (together, the "annual filings") of the issuer for the financial year ended December 31, 2011.
2. *No misrepresentations:* Based on my knowledge, having exercised reasonable diligence, the annual filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, for the period covered by the annual filings.
3. *Fair presentation:* Based on my knowledge, having exercised reasonable diligence, the annual financial statements together with the other financial information included in the annual filings fairly present in all material respects the financial condition, financial performance and cash flows of the issuer, as of the date of and for the periods presented in the annual filings.
4. *Responsibility:* The issuer's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (DC&P) and internal control over financial reporting (ICFR), as those terms are defined in National Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*, for the issuer.
5. *Design:* Subject to the limitations, if any, described in paragraphs 5.2 and 5.3, the issuer's other certifying officer(s) and I have, as at the financial year end
 - (a) designed DC&P, or caused it to be designed under our supervision, to provide reasonable assurance that
 - (i) material information relating to the issuer is made known to us by others, particularly during the period in which the annual filings are being prepared; and
 - (ii) information required to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation; and
 - (b) designed ICFR, or caused it to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the issuer's GAAP.
- 5.1 *Control Framework:* The control framework the issuer's other certifying officer(s) and I used to design the issuer's ICFR is similar to that of the *Internal Control – Integrated Framework* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).
- 5.2 N/A
- 5.3 N/A
6. *Evaluation:* The issuer's other certifying officer(s) and I have
 - (a) evaluated, or caused to be evaluated under our supervision, the effectiveness of the issuer's DC&P at the financial year end and the issuer has disclosed in its annual MD&A our conclusions about the effectiveness of DC&P at the financial year end based on that evaluation; and
 - (b) evaluated, or caused to be evaluated under our supervision, the effectiveness of the issuer's ICFR at the financial year end and the issuer has disclosed in its annual MD&A
 - (i) our conclusions about the effectiveness of ICFR at the financial year end based on that evaluation; and
 - (ii) N/A.
7. *Reporting changes in ICFR:* The issuer has disclosed in its annual MD&A any change in the issuer's ICFR that occurred during the period beginning on January 1, 2011 and ended on December 31, 2011 that has materially affected, or is reasonably likely to materially affect, the issuer's ICFR.
8. *Reporting to the issuer's auditors and board of directors or audit committee:* The issuer's other certifying officer(s) and I have disclosed, based on our most recent evaluation of ICFR, to the issuer's auditors, and the board of directors or the audit committee of the board of directors any fraud that involves management or other employees who have a significant role in the issuer's ICFR.

Date: March 5, 2012.

/s/ Wayne W. Heili

Wayne W. Heili
Chief Executive Officer