



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 18, 2018

John W. Cash
Vice President of Regulatory Affairs
Ur-Energy Inc.
5880 Enterprise Dr., Suite 200
Casper, WY 82609

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION STAFF REVIEW OF THE
2016-2017 ANNUAL AS LOW AS IS REASONABLY ACHIEVABLE AUDIT
REPORT FOR THE SHIRLEY BASIN NORTH URANIUM MILL SITE AND
RESPONSE TO REQUEST REGARDING GROUNDWATER SAMPLING

Dear Mr. Cash:

I am writing in response to your letter, dated February 6, 2018, submitting the 2016-2017 Annual As Low as is Reasonably Achievable (ALARA) audit report for the Shirley Basin North uranium mill site (Agencywide Documents Access and Management System (ADAMS) Accession Number ML18058A763). The U.S. Nuclear Regulatory Commission (NRC) staff reviewed the report and has the following comments or questions:

1. Was the annual Standard Operating Procedure review completed by the end of the calendar year, as indicated in the report?
2. What is the status of recommendation number 2 from the 2016-2017 ALARA audit, specifically, "Provide additional emergency response information at the trailer office (names and phone numbers of emergency contacts and site coordinates.)"

In addition, on March 19, 2018, you informed the staff that the second quarter groundwater sampling had occurred approximately three weeks early (i.e., in the first quarter) and requested the staff's approval to use the early samples as the second quarter samples (ADAMS Accession Number ML18081A662). The staff has reviewed your request and has concluded that it is acceptable, as sampling did not occur significantly earlier than scheduled. However, we suggest that the third quarter samples be collected early in the third quarter to realign the periodicity of the sampling events.

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

J. Cash

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If you have any questions, please contact me at: 301-415-6749 or via e-mail at:
Dominick.Orlando@nrc.gov.

Sincerely,

/RA/

Dominick A. Orlando, Senior Project Manager
Materials Decommissioning Branch
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

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Distribution:

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ADAMS Accession No.: ML18086A659

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