



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

November 5, 2018

ALL AGREEMENT AND NON-AGREEMENT STATES  
STATE LIAISON OFFICERS

ISSUANCE OF FINAL ENVIRONMENTAL ASSESSMENT FOR THE RENEWAL  
AND EXPANDED SCOPE OF LICENSED ACTIVITIES FOR WATER REMEDIATION  
TECHNOLOGY, LLC (STC-18-066)

**Purpose:** To inform States that the U.S. Nuclear Regulatory Commission (NRC) staff has issued its final Environmental Assessment (EA) for Water Remediation Technology, LLC's (WRT's) request to renew its NRC license and to authorize an expanded scope of licensed activities.

**Background:** The NRC is considering WRT's December 21, 2016, request to renew Source Materials License No. SUC-1591 and to expand the scope of licensed activities. License SUC-1591 was originally issued by the NRC on January 25, 2007, and is a performance-based, multisite license that authorizes WRT to use its ion exchange technology to remove uranium from community drinking water systems (CWSs). On January 16, 2018, WRT requested a 20-year renewal term.

**Discussion:** License SUC-1591 authorizes WRT in non-Agreement States to remove uranium from the CWSs' water supply using WRT's ion exchange technology, to possess source material in the uranium recovery system, and ultimately to transfer and properly disposition the source material. In addition to renewing its NRC license, WRT has also requested that the NRC approve an expanded scope of WRT's authorized licensed activities to include the removal of uranium from non-drinking water sources (e.g., mines, pit lakes, and groundwater remediation sites) in non-Agreement States.

Presently, WRT operates its uranium recovery system only in seven Agreement States; it has no current operations in any non-Agreement State. Agreement State programs may find the final EA helpful as a basis for processing any license applications by WRT or other licensees in their State seeking to remove uranium for CWSs.

Based on its review of the proposed action, as documented in the EA, the NRC staff has concluded that the renewal of License SUC-1591 with an expanded scope of licensed activities will not have a significant effect on the quality of the human environment. Therefore, the NRC staff has determined not to prepare an environmental impact statement for the proposed action and that, pursuant to 10 CFR 51.32, a finding of no significant impact is appropriate. This information was published in the Federal Register on October 29, 2018.

The Environmental Assessment is available through the NRC's Agencywide Documents Access and Management System (ADAMS) Accession Number ML18255A117 or at <https://www.nrc.gov/docs/ML1825/ML18255A117.pdf>.

If you have any questions regarding this communication, please contact the individual named below:

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Sincerely,

***/RA Paul Michalak for/***

Brian W. Smith, Acting Director  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: ISSUANCE OF FINAL ENVIRONMENTAL ASSESSMENT FOR THE RENEWAL  
AND EXPANDED SCOPE OF LICENSED ACTIVITIES FOR WATER  
REMEDATION TECHNOLOGY, LLC (STC-18-066)  
DATED November 5, 2018

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C. Grossman, DUWP

**ADAMS Accession Number ML18291A691**

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<b>DATE</b>	10/22/18	10/31/18	11/2/18	11/5/18

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