



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

July 5, 2018

Mr. Steven A. Harrison, Director  
Division of Radiological Health  
Department of Health-James Madison Bldg.  
109 Governor Street, Rm 736  
Richmond, VA 23219

SUBJECT: OPPORTUNITY TO COMMENT ON THE DRAFT ENVIRONMENTAL ASSESSMENT FOR WATER REMEDIATION TECHNOLOGY, LLC's LICENSE RENEWAL APPLICATION FOR SOURCE MATERIALS LICENSE NUMBER SUC-1591 AND APPROVAL REQUEST OF AN EXPANDED SCOPE OF LICENSED ACTIVITIES (DOCKET NUMBER: 40-9059)

Dear Mr. Harrison:

Enclosed is a hard copy of the draft Environmental Assessment (EA) for Water Remediation Technology, LLC's (WRT) license renewal application for the U.S. Nuclear Regulatory Commission (NRC) Source Materials License Number SUC-1591 and WRT's request for approval of an expanded scope of licensed activities. As established in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," which are NRC regulations that implement the National Environmental Policy Act of 1969, as amended, the NRC staff is preparing an EA for the proposed action. The EA will include an analysis of potential impacts to the local environmental resource areas.

Source Materials License Number 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. Source Materials License Number SUC-1591 authorizes the licensee to possess, store, transfer, and dispose of source material for community water systems (CWS) in non-agreement states by removing uranium from the CWSs' water supply using WRT's ion exchange technology, possessing source material in the uranium recovery system, and ultimately transferring and properly dispositioning the source material.

It is the NRC's understanding that WRT is currently licensed by the State of Virginia for the activities described above. Given the State of Virginia's experience with WRT as a licensee, the NRC respectfully requests the State's review and comment on the NRC's evaluation of potential impacts to environmental resources for the proposed license renewal.

The draft EA is pre-decisional, and as such should not be disclosed outside the relevant State agency without prior NRC permission. The requested timeframe for this comment period is 30 days from the issuance of this letter. Any comments on the draft EA should be submitted to Mr. James Park, Office of Nuclear Material Safety and Safeguards, by telephone (301) 415-6954, or via e-mail to: [James.Park@nrc.gov](mailto:James.Park@nrc.gov).

Sincerely,

**\RA\**

Craig G. Erlanger, Director  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 40-9059  
License No. SUC-1591

Enclosure:  
Draft EA for WRT, LLC

cc: Jeffrey D. Stern, Ph.D., State Coordinator

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**DATED:** July 5, 2018

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**\* via email**

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