

May 5, 2016

William J. Boyle, Ph.D., Director
Office of Used Nuclear Fuel Disposition
Research and Development
United States Department of Energy
Washington, DC 20585

SUBJECT: ISSUANCE OF FINAL SUPPLEMENT TO THE DEPARTMENT OF ENERGY
ENVIRONMENTAL IMPACT STATEMENTS FOR A GEOLOGIC REPOSITORY
AT YUCCA MOUNTAIN, NYE COUNTY, NEVADA, NUREG-2184

Dear Dr. Boyle:

The U.S. Nuclear Regulatory Commission (NRC) staff has issued its final "Supplement to the U.S. Department of Energy's Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada," NUREG-2184. This document is available in the NRC's Agencywide Documents Access and Management System (ADAMS) at Accession No. ML16125A032. On May 13, 2016, the NRC will announce in the *Federal Register* the availability of this document.

This supplement evaluates the potential environmental impacts on groundwater and impacts associated with the discharge of potentially contaminated groundwater to the ground surface, due to potential releases from a geologic repository for spent nuclear fuel and high-level radioactive waste at Yucca Mountain, Nye County, Nevada. This supplements the U.S. Department of Energy's 2002 "Final Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada" and 2008 "Final Supplemental Environmental Impact Statement for a Geologic Repository for the Disposal of Spent Nuclear Fuel and High-Level Radioactive Waste at Yucca Mountain, Nye County, Nevada," in accordance with the findings and scope outlined in the NRC staff's 2008 "Adoption Determination Report for the U.S. Department of Energy's Environmental Impact Statements for the Proposed Geologic Repository at Yucca Mountain."

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A decision on whether to authorize construction of the proposed repository can be made only after a hearing has been conducted on contested issues and the Commission has completed its review of contested and uncontested issues under 10 CFR 2.1023(c).

Sincerely,

/RA/

James Rubenstone, Ph.D., Acting Director
Yucca Mountain Directorate
Office of Nuclear Material Safety
and Safeguards

Docket No. 63-001

Enclosure: NUREG-2184

cc: See enclosed list

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Enclosure: draft NUREG-2184

cc: See enclosed list

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