

June 15, 2017

Dominick Orlando, Senior Project Manager
Materials Decommissioning Branch
Two White Flint North
11545 Rockville Pike
Mail Stop: T8F5
Rockville, MD 20852

**Re: Supplemental Response to Request for Additional Information and Assessment of
Additional Hydrogeologic Data and Modeling, Docket No. 40-8102, License No. SUA-1139
Highland Reclamation Project**

Dear Mr. Orlando:

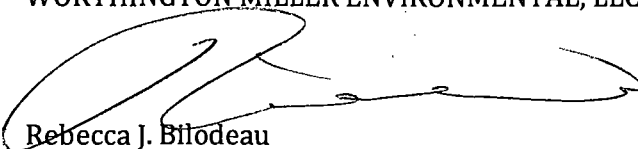
Please find enclosed the Supplemental Response to Request for Additional Information and Assessment of Additional Hydrogeologic Data and Modeling. This report provides an update to the May 10, 2011 License Amendment Request (LAR) for Radioactive Materials License SUA-1139 for the ExxonMobil Corporation Highland Uranium Mine and Millsite. This report was prepared on behalf of ExxonMobil by Worthington Miller Environmental, LLC.

On May 29, 2012, ExxonMobil received a Request for Additional Information (RAIs) from NRC staff. ExxonMobil subsequently met with the NRC on August 14, 2012 to discuss the RAIs and obtain clarification of NRC requirements to complete their review of the LAR. During that meeting, NRC staff requested collection of additional data by ExxonMobil to completely address all of NRC's concerns that formed the basis of the RAIs. On April 8, 2013, ExxonMobil submitted responses to NRC's 2012 RAI's, including a Supplemental Hydrologic and Geochemical Characterization Work Plan. The primary purpose of this submittal is to provide a detailed response to the 2012 RAIs that were addressed by the Work Plan activities. Electronic data files and PDFs of the complete report are included on the Report CD.

Please contact Dan Grapski with ExxonMobil at (347) 537-8355 with any questions.

Sincerely,

WORTHINGTON MILLER ENVIRONMENTAL, LLC



Rebecca J. Blodeau
Project Manager

Enclosures (3)

cc: Robin Jones, WDEQ
Dan Grapski, ExxonMobil
Craig Little, RSO, Two Lines Inc.
Bonar Bros. Partnership