

Memorandum



Date: January 15, 2021

To: Nearman Creek Power Station Operating Record, Ingrid Setzler

From: Brian Hoye, PG and Scott Martin, PE

Subject: Notification of GWPS Exceedance at MW-8A

On December 18, 2020, detections of arsenic at MW-8A were identified at levels above the calculated groundwater protection standard (GWPS). These minor GWPS exceedances were observed at downgradient monitoring well MW-8A for samples collected on October 19, 2020 and December 8, 2020.

As per §257.95, BPU is conducting an assessment of whether the observed GWPS exceedances in MW-8A may be attributed to naturally occurring variability of arsenic as opposed to a release of CCR from the Bottom Ash Pond. By June 23, 2020, BPU had removed CCR from the BA Pond as part of voluntary closure activities. This assessment will include, but may not be limited to, an evaluation of groundwater gradients leading up to the October 2020 sampling event, trends in geochemical parameters which may indicate potential for the mobilization of naturally occurring arsenic within the aquifer, an assessment of historical arsenic results for MW-8A, and an account of voluntary closure activities completed at the Bottom Ash Pond. This assessment will be completed by March 18, 2021, 90 days from December 18, 2020.

This notification to the operating record is being prepared to fulfill BPU's reporting obligation per §257.105(h)(8).

BRH/brh