



Date: Nov 10, 2017

Subject: Incorrect Personal Protective Equipment used

BWXT Nuclear Energy Canada (BWXT NEC) identified an error in the use of respirator cartridge filters for Powered Air Purifying Respirators (PAPR) resulting in a possible beryllium occupational exposure exceedance. BWXT NEC reported this finding to the Canadian Nuclear Safety Commission (CNSC).

During the investigation, BWXT NEC discovered that the incorrect filters for PAPRs were used over a 20-month period, resulting in 15 possible beryllium occupational exposure exceedances impacting two employees. BWXT NEC reported the discovery to the CNSC and participated in a public meeting with the CNSC in Ottawa on October 11, 2017 to answer Commission questions regarding the investigation, root cause and BWXT NEC's corrective actions.

Beryllium is a metal that is used in small amounts at the BWXT NEC Peterborough facility. There was no offsite exposure or release of beryllium, and there was no health or safety risk posed to the public or environment.