August 2, 2018

From: Jason Casper, Resumption Manager, Plutonium Finishing Plant Recovery

To: CHPRC Employees (please cascade)

Subject: PFP UPDATE: MODIFICATION TO PFP RADIOLOGICAL BOUNDARIES

I want to provide advance notice of upcoming boundary changes affecting the Plutonium Finishing Plant (PFP). The Access Control Boundary and the Radiological Buffer Area (RBA) inside the work control zone were modified in early June. We are now adjusting the radiological areas within the RBA – the high contamination area (HCA)/airborne radioactivity area (ARA) and contamination area (CA) boundaries - as we continue planning for resumption of demolition. These changes are planned to go into effect, Saturday, August 4.

This map shows the new HCA/ARA and CA/ARA zones, which are about 40 percent and 50 percent larger, respectively, than they are currently. Additionally, we’ve significantly expanded the ARA, which ensures greater protection of employees who must wear breathing protection in that area.

These boundaries to be used throughout demolition were selected in collaboration with DOE-RL based on air and ground dispersion models created by Pacific Northwest National Laboratory and Lawrence Livermore National Laboratory. The models reflect current contamination levels in the buildings, building conditions, future demolition techniques, enhanced controls and historical weather patterns.

Remember to follow directions for all postings. Protocol to access the work control zone remains the same: coordinate activities through the PFP Shift Office at 373-0891. If you have questions, please call the PFP Shift Office.