



Response to Inquiry  
Community Engagement Panel Regular Meeting  
October 9, 2014  
Boron Levels in Spent Fuel Pools

**Question:** What are the boron levels in the SFP and what would be the effect if the boron level was reduced to zero?

**Response:** The boron concentration levels in the Spent Fuel Pools are typically maintained above 2,600 ppm. Boron is used to maintain margin to criticality as required by NRC regulation. Boron concentration is routinely monitored to determine if any addition is required.

In the hypothetical event where the boron concentrations is diluted to 0 ppm – which is outside of the regulatory basis – the used fuel in the current condition in the SFPs would not result in criticality.

Prepared by:  
Decommissioning and Dismantlement Team