

Enclosure 1
Changes to PSAR Chapter 13
(Non-Proprietary)

Figure of Merit	Acceptance Criterion	Applicable Events
Mass loss of structural graphite due to oxidation	Bounded by the MHA release	Salt Spill, PHSS break
Peak structural graphite temperature-time	Generally bounded by temperature-time curves derived from the assumed MHA structural graphite temperature-time curve	Salt Spill, Reactivity Insertion, Increase in Heat Removal, Loss of Forced Circulation, PHSS break
Peak pebble carbon matrix temperature-time	Generally bounded by temperature-time curves derived from the assumed MHA pebble carbon matrix temperature-time curve	Salt Spill, Reactivity Insertion, Increase in Heat Removal, Loss of Forced Circulation, PHSS break
Peak TRISO temperature-time ex-vessel	Generally bounded by temperature-time curves derived from the assumed MHA fuel temperature-time curve	PHSS break
Amount of materials at risk released	Less than limit derived to bound total releases of the postulated event to less than the MHA	PHSS break, Radioactive Release from Subsystem or Component