

Enclosure 1

**Change to Hermes PSAR Chapter 14
(Non-Proprietary)**

Section	Section Name	LCO or Condition	Basis
		Inlet gas system pressure is maintained within an upper bound limit.	The objective is to limit the quantity and pressure of spilled Flibe or cover gas to ensure a postulated event does not exceed limits.
		Argon purity in the cover gas is maintained within an upper bound limit.	The objective is to limit radionuclides in the Flibe below solubility limits where solute-solute interactions can be neglected.
		The quantity of materials at risk in the gas space of the primary heat transport system and the primary heat rejection system is maintained within an upper bound limit.	The objective is to limit the quantity of materials at risk in the cover gas to ensure a postulated event does not exceed limits.
3.4	Engineered Safety Features	Decay heat removal system operability	The objective is to specify the requirement to have an operable decay heat removal system to ensure that the safety limits will not be exceeded.
		Reactor vessel integrity	The objective is to specify a design operating temperature limit to ensure the safety limit is not exceeded for postulated events.
3.5	Ventilation Systems	N/A	N/A
3.6	Emergency Power	N/A	N/A
3.7	Radiation Monitoring Systems and Effluents	Radiation monitoring system is designed to be available during normal operating conditions as well as during postulated events.	Radiation in plant effluents is measured against applicable limits.
3.8	Experiments	N/A	N/A
3.9	Facility Specific LCOs	N/A	N/A