

Decommissioning Facility ICs/EALs – Recognition Category “D” Initiating Condition Matrix

Key	Appendix C to NEI 99-01 Rev 6 and based on recent precedents*
	Applicability to Decommissioning Levels: Post-Shutdown (<i>PS</i>), Permanently Defueled (<i>PD</i>), ISFSI-Only (<i>IO</i>)

- * For *PD* and *IO* levels: EAL schemes based on Rev 6 Appendix C submitted for prior NRC approval.
 For *PS* level: Licensees for plants shutdown since 2013 continued to use EALs applicable to Defueled or All Modes from Recognition Categories A, C, E, and H with appropriate operator aids.

Unusual Event	Alert	Site Area Emergency	General Emergency
PD-AU1: <i>PD</i> D-AU1: <i>PS, PD</i> <i>Rad release</i>	PD-AA1: <i>PD</i> D-AA1: <i>PS, PD</i> <i>Rad release</i>	-- D-AS1: <i>PS</i> <i>Rad release</i>	-- D-AG1: <i>PS</i> <i>Rad release</i>
PD-AU2: <i>PD</i> D-AU2: <i>PS, PD</i> <i>Loss of SFP level AND rise in plant rad levels</i>	PD-AA2: <i>PD</i> D-AA2: <i>PS, PD</i> <i>Rise in plant rad levels impeding plant access</i>		
PD-SU1: <i>PD</i> D-CU1: <i>PS, PD</i> <i>SFP temperature rise</i>			
-- D-CU2: <i>PS</i> <i>Loss of communications</i>			
PD-HU1: <i>PD, IO</i> D-HU1: <i>PS, PD, IO</i> <i>Confirmed Security Condition or threat</i>	PD-HA1: <i>PD, IO</i> D-HA1: <i>PS, PD, IO</i> <i>Hostile Action within Owner Controlled Area</i>	-- D-HS1: <i>PS</i> <i>Hostile Action within Protected Area</i>	
PD-HU2: <i>PD</i> D-HU2: <i>PS, PD</i> <i>Hazardous event affecting equipment needed for SFP cooling</i>			
PD-HU3: <i>PD, IO</i> D-HU3: <i>PS, PD, IO</i> <i>Judgment of the Emergency Director</i>	PD-HA3: <i>PD, IO</i> D-HA3: <i>PS, PD, IO</i> <i>Judgment of the Emergency Director</i>	-- D-HS3: <i>PS</i> <i>Judgment of the Emergency Director</i>	-- D-HG3: <i>PS</i> <i>Judgment of the Emergency Director</i>

E-HU1: All Modes (<i>PD, IO</i>) <i>PS, PD, IO</i> <i>Damage to loaded cask</i>

← Section 8 ISFSI