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		GENERAL EMER	GENCY		SITE AREA EMERGENCY	ALERT	UNUSUAL EVENT	
		Prolonged loss of <u>all</u> offsite and <u>all</u> onsite buses	AC power to emerg	gency	Loss of <u>all</u> offsite and <u>all</u> onsite AC power to emergency buses for 15 minutes or longer	Loss of all but one AC power source to emergency buses for 15 minutes or longer	Loss of <u>all</u> offsite AC power capability to emergency buses for 15 minutes or longer	
	1 Loss of Emergency AC Power	MG1.1 1 2 3 Loss of all offsite AND all onsite AC powe emergency buses SM-7 and SM-8 AND EITHER: ARD EITHER: Restoration of emergency bus SM- hours is mol likely (Note 1) OR OR RPV level cannot be restored and in GT - 166 in. GR	r capability to		AS1.1 1 2 3	MA1.1 1 2 3 AC power capability, Table 2, to emergency buses SM-7 and SM-8 reduced to a single power source for GE 15 min. (Note 1) AND AND Any additional single power source failure will result in a loss of all AC power to SAFETY SYSTEMS	MU1.1 1 2 3 Loss of all offsite AC power capability, Table 2, to emergence buses SM-7 and SM-8 for GE 15 min. (Note 1) Table 2 AC Power Sources Offsite • Startup Transformer TR-S	
	2 Loss of	Loss of all emergency AC and vital DC p minutes or longer MG1.2 1 2 3 Loss of all offsite AND all onsite AC power emergency buses SM-7 and SM-8 for GE AND Indicated voltage is LT 108 VDC on both 1 DP-S1-1 and DP-S1-2 for GE 15 min. (Not	r capability to 15 min. (Note 1)	Loss of <u>all</u> vital DC power for 15 minutes or longer 452.1 1 2 3	Nos	Backup Transformer TR-8 Backfeed 500 KV power through Main Transformers (if already aligned in modes 4, 5, def only) Onsite OG1 OG2 Main Generator via TR-N1/N2 Now UNPLANNED loss of Control Room indications for 15 minutes or longer Mu3.1 1 2 3 An UNPLANNED bevent results in the inability to monitor one or more Table 10 parameters from within the Control Room for GE 15 min. (Note 1)	
	Vital DC Power				ndicated voltage is LT 108 VDC on <u>both</u> 125 VDC buses DP-S1-1 and DP-S1-2 for GE 15 min. (Note 1)			
	3 Loss of Control Room Indications	None			Nove	URPLANNED loss of Control Room indications for 15 minutes or longer with a significant transient in progress MA3.1 1 2 3		
				_		Table 10 Safety System Parameters	Constant and part and its mostly than Technical Constitution	
	4 RCS Activity	None 1		Vital por - 467' - 487'	Table 5 structures Containing Safe Shutdown Systems or Components tions of the Rad Wastle/Control Building: elevation vital island elevation cable spreading room	Reactor power RPV level RPV pressure Primary containment pressure Wetwell level Wetwell temperature	Reactor coolant activity greater than Technical Specification allowable limits MU4.1 1 2 3 SJAE CONDSR OUTLET RAD HI-HI alarm (P602) MU4.2 1 2 3	
					Control Room and vertical cable chase elevation HVAC area Building	Table 11 Transient Events	Coolant activity GT 0.2 µCi/gm dose equivalent I-131	
M System alfunct.	5 RCS Leakage	None		Vital por - DEH - RPS - Main - Turb - Main Standby	owning ions of the Turbine Building pressure switches switches on turbine throttle valves steam ine radiation radiation monitors steam line pigning up to MS-V-146 and the first stop valves Service Water Pump Houses enerator Building	Reactor scram Runback GT 25% thermal reactor power Electrical load rejection GT 25% full electrical load ECCS injection Thermal power oscillations GT 10%	RCS leakage for 15 minutes or longer MU5.1 1 2 3 (1) RCS unidentified or pressure boundary leakage GE 10 gpm for GE 15 min. OR (2) RCS identified leakage GT 25 gpm for GE 15 min. OR (3) Leakage from the RCS to a location outside containment GT 25 gpm for GE 15 min. OR (3) Leakage from the RCS to a location outside containment	
					Inability to shut down the reactor causing a challenge to RPV water level or RCS heat removal	Automatic or manual scram fails to shut down the reactor, and subsequent manual actions taken at the reactor control conscies	GT 25 gpm for GE 15 min. Automatic or manual scram fails to shut down the reactor	
	6 RPS Failure	Hove			AS6.1 1 2 An automatic OR manual scram fails to shut down the eactor AND Stactions to shut down the reactor are <u>not</u> successful as indicated by reactor power GT 5% AND ETHER:	And the second sec	MU6.1 1 2 An automatic OR manual scram did <u>not</u> shut down the reactor Ann AND A subsequent automatic scram OR manual scram action taken at the reactor control console (mode switch in shutdown, manual push buttons or ARI) is successful in	
		Table 4 Communicat	tion Methods	71.6	RPV level <u>cannot</u> be restored and maintained above -186 in. or <u>cannot</u> be determined OR	reactor power GT 5% (Note 8)	shutting down the reactor as indicated by reactor power LE 5% (APRM downscale) (Note 8)	
		System Plant Public Address (PA) System	Onsite ORO	NRC	WW temperature and RPV pressure <u>cannot</u> be maintained below the HCTL			
	7 Loss of Comm.	Plant Felance calling capability on	× ×	×	None	None	Loss of all conste or offsile communications capabilities MU7.1 1 2 3 (1) Loss of all Table 4 onsite communication methods OR (2) Loss of all Table 4 ORO communication methods OR (3) Loss of all Table 4 NRC communication methods	
	i, aki s	Long distance calling capability on the commercial phone system	X			Hazardous event affecting a SAFETY SYSTEM needed for the current operating mode		
	8 Hazardous Event Affecting Safety Systems	Now ,	 Seism Intern High v Torna FIRE EXPL Volca Other 	ic event al or ext vinds do strike OSION nic ash t events cteristic:		MA8.1 1 2 3 The occurrence of any Table 8 hazardous event AND Event damage has caused indications of degraded performance on one train of a SAFETY SYSTEM needed for the current operating mode AND EITHER: Event damage has caused indications of degraded performance to a second train of a SAFETY SYSTEM needed for the current operating mode OR Event damage has resulted in VISIBLE DAMAGE to a second train of a SAFETY SYSTEM needed for the current operating mode (Notes 9, 10)		
	Product egradation	FG1.1 1 2 3 Loss of any two barriers AND Loss or potential loss of the third barrier of	(Table F-1)		FS1.1 1 2 3	FA1.1 1 2 3 Any loss or any potential loss of EITHER Fuel Clad or RCS barrier (Table F-1)	None	
				Та	ble F-1 Fission Product Barr	ier Threshold Matrix		
		FC - Fuel Cla	ad Barrier		RCS - Reactor Cool	ant System Barrier	PC - Containment Barrier	
6.2		Loss	Poten	tial L	oss Loss	Potential Loss Lo	Potential Loss	
	A ater Level	SAG entry required ma	PV level <u>cannot</u> aintained GT -1 c <u>cannot</u> be dete	51 in.	red and RPV level <u>cannot</u> be restored and maintained GT -161 in. or <u>cannot</u> be determined.	Hone N	Nove SAG entry required	

B RCS Leak Rate	None	λ, * + δ, (F) + + σ − − ²³ ς None	UNISOLABLE break in <u>any</u> of the following: • Main Steam Line • RCIC Steam Line • RWCU • Feedwater OR Emergency RPV Depressurization is required	UNISOLABLE primary system leakage that results in exceeding ETTHER: RB area temperature alarm level (PPM 5.3.1 Table 23) OR RB area radiation alarm level (PPM 5.3.1 Table 24)	UNISOLABLE prima that results in exceer RB area maximun temperature (PPN OR RB area maximun radiation (PPM 5.3	ding EITHER: n safe operating 1 5.3.1 Table 23) n safe operating	None				
C PC Conditions	None	None	None PC pressure GT 1.68 psig due to RCS feakage		UNPLANNED rapid drop in PC pressure following PC pressure rise OR PC pressure response <u>not</u> consistent with LOCA conditions		PC pressure GT 45 psig OR Explosive mixture exists inside PC (H ₂ GE 6% and O ₂ GE 5%) OR WW temperature and RPV pressure <u>cannot</u> be maintained below the HCTL				
D PC Rad / RCS Activity	Containment Radiation Monitor CMS-RIS-27E or CMS-RIS-27F reading GT 3,600 R/hr OR Primary coolant activity GT 300 µCligm Dose Equivalent I-131	None	Containment Radiation Monitor CMS-RIS-27E or CMS-RIS-27F None reading GT 70 R/hr		Nove		Containment Radiation Monitor CMS-RIS-27E or CMS-RIS-27F reading GT 14,000 R/hr				
E PC Integrity or Bypass	None	None	None	Nune	UNISOLABLE direct pathway to the envir PC isolation signal OR Intentional PC ventin	onment exists after	Nove				
F Emergency Director Judgment	<u>Any</u> condition in the opinion of the Emergency Director that indicates loss of the fuel clad barrier	<u>Any</u> condition in the opinion of the Emergency Director that indicates potential loss of the Fuel Clad barrier	Any condition in the opinion of the Emergency Director that indicates loss of the RCS barrier	Any condition in the opinion of the Emergency Director that indicates potential loss of the RCS barrier	Any condition in the Emergency Director of the Containment b	that indicates loss	<u>Any</u> condition in the opinion of the Emergency Director that indicates potential loss of the Containment barrier				
Modes	Modes: 1 Power Operations Startup Hot Shutdown Modes: 1 Power Operations Startup Hot Shutdown Power Operations Startup Hot Power Operation										

	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	GENERAL EMER	GEN	NCY		SITE A		RGENJY		ALERT	UNUSUAL EVENT							
		Loss of RPV inventory affecting fuel clad containment challenged	l integrity v	with		Loss of RPV capability	inventory affecting core de	cay heat removal		Significant loss of RPV inventory	Unplanned loss of RPV inventory							
	1	CG1.1 4 RPV level LT -161 in. for GE 30 min. (No AND Any of the following indications of contain • CONTAINMENT CLOSURE not e • Explosive mixture inside PC (H ₅ GE 6% and 0.2 GE 5%) • UNPLANNED rise in PC pressure • RB area radiation GT any Maximu level (PPM 5.3.1 Table 24) CG1.2 4 RPV level cannot be monitored for GE 3	ote 1) nment ch stablishe um Safe	nallenge ed (Note Operatio	6)	AND RPV level LT - OR (2) CONTAINMEN AND RPV level LT - CS1.2	NT CLOSURE <u>not</u> esta 129 in. NT CLOSURE establis	ablished hed	(2) R	oss of RPV inventory as indicated by RPV level T -50 in.	CU1.1 4 5 (1) UNPLANNED loss of reactor coolant results in RPV level less than a required lower limit for GE 15 min. (Note 1) OR (2) RPV level <u>cannot</u> be monitored AND UNPLANNED increase in <u>any</u> Table 1 sump or pool levels due to a loss of RPV inventory							
	RPV Level	AND Core uncovery is indicated by <u>any</u> of the UNPLANNED wetwell level rise GT (PPM 5.2.1 entry condition) VALID indication of RB room floodin high level alarms (PPM 5.3.1 Table Observation of UNISOLABLE RCS primary containment of sufficient m core uncovery AND <u>Any</u> of the following indications of contai CONTAINMENT CLOSURE <u>not</u> e Explosive mixture inside PC (H ₂ GE 6% and 0.2 GE 5%) UNPLANNED rise in PC pressure RB area radiation GT <u>any</u> Maximu level (PPM 5.3.1 Table 24)	2 inche: ng as ide 25) leakage agnitude nment cl astablish	s outside to indic hallenge ed (Note	ecate a: a: a: b: b: b: b: b: b: b: b: b: b: b: b: b:	 UNPLANNEL (PPM 5.2.1 e VALID indica high level ala Observation 	indicated by <u>any</u> of the D wetwell level rise (3 nitry condition) altion of RB room flood mms (PPM 53.1 Table of UNISOLABLE RCS ainment of sufficient m ry	T 2 inches ing as identified by 25) Fleakage outside		Table 1 Sumps/Pool • Any valid Hi-Hi level alarm on R-1 through R-5 sumps • EDR GE 25 GPM • FDR GE 10 GPM • Wetwell level rise • Observation of UNISOLABLE RCS leakage	Table 2 AC Power Sources Offsite 9 Startup Transformer TR-8 9 Backfeed 500 KV power through Main Transformers (if already aligned in modes 4, 5, def only) Onsite 9 DG1 9 DG1 9 DG2 9 Main Generator via TR-N1/N2							
										Loss of all offsite and all onsite AC power to emergency buses for 15 minutes or longer	Loss of all but one AC power source to emergency buses for 15 minutes or longer							
C sD/ fuel	2 Loss of Emergency AC Power	Nove							CA2 Loss eme	1 4 5 DEF of all offsite and all onsite AC power capability to gency buses SM-7 and SM-8 for GE 15 min. (Note 1)	CU2.1 4 5 DEF AC power capability. Table 2, to emergency buses SM-7 and SM-8 reduced to a single power source for GE 15 min. (Note 1) AND Any additional single power source failure will result in a loss of all AC power to SAFETY SYSTEMS							
tem unct.										Inability to maintain plant in cold shuldown	UNPLANNED increase in RCS temperature							
	3 RCS	Now			time trame and RCS temperature is being reduced the EAL				1 4 5 LANNED increase in RCS temperature to GT 200°F T Table 7 duration (Note 1)	CU3.1 4 5 UNPLANNED increase in RCS temperature to GT 200°F								
	Temp.											is not applicable RCS Status Containment Closure Status Heat-up Duration		UNP	R LANNED RPV pressure increase GT 10 psig	CU3.2 4 5 Loss of all RCS temperature and RPV water level indication for GE 15 min. (Note 1)		
	4 Loss of Vital DC Power	Nove				- Intact <u>Not</u> intact	N/A established not established	60 min. * 20 min. * 0 min.		Nove	Loss of vilal DC power for 15 minutes or longer CU4.1 4 5 Indicated voltage LT 108 VDC on required 125 VDC buses DP-S1-1 and DP-S1-2 for GE 15 min. (Note 1)							
	-		il une-	and the							Loss of <u>all</u> onsite or offsite communications capabilities							
	5	Table 4 Communicat System		ORO	NRC		Nore			None	CU5.1 4 5 DEF Loss of all Table 4 onsite communication methods							
	Loss of Comm.	Plant Public Address (PA) System	×								OR Loss of <u>all</u> Table 4 ORO communication methods OR							
		Plant Telephone System	×	×					1000	Hazardous event affecting a SAFETY SYSTEM needed for the	Loss of all Table 4 NRC communication methods							
	-	Plant Radio System Operations and Security Channels Offsite calling capability from the Control Room via direct telephone	x	×	×		Table 8 Hazardous	Events	A	current operating mode 1 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0	None							
	6 Hazardous Events Affecting Safety Systems	Long distance calling capability on the commercial phone system		×	×	 High Torna FIRE EXPL Volca Other 	nal or external FLOOD winds ado strike OSION anic ash fallout r events with similar ha acteristics as determin	azard	perfo the c	t damage has caused indications of degraded immance on one train of a SAFETY SYSTEM needed for urrent operating mode ND EITHER: Event damage has caused indications of degraded performance to a second train of a SAFETY SYSTEM needed for the current operating mode OR Event damage has resulted in VISIBLE DAMAGE to a second train of a SAFETY SYSTEM needed for the current operating mode (Notes 9, 10)								

		GENERAL EMERGENCY	SITE AREA EMERGENCY	ALERT	UNUSUAL EVENT	
		Release of gaseous radioactivity resulting in offsite dose greater than 1,000 mrem TEDE or 5,000 mrem thyroid CDE	Release of gaseous radioactivity resulting in offsite dose great than 100 mrem TEDE or 500 mrem thyroid CDE	Print Release of gaseous or liquid radioactivity resulting in offsite dose greater than 10 mrem TEDE or 50 mrem thyroid CDE	Release of gaseous or liquid radioactivity greater than 2 times the ODCM limits for 60 minutes or longer	
R	1 Rad Effluent	Rg1.1 1 2 3 4 5 DEF (1) Reading on any Table 3 effluent radiation monitor GT column "GENERAL" for GE 15 min. OR 2 3 4 5 DEF (2) Dose assessment using actual meteorology indicates doses GT 1,000 mrem TEDE or GT 5000 mrem thyroid CDE at or beyond the SITE BOUNDARY (Notes 1, 2, 3, 4) RG1.2 1 2 3 4 5 DEF Field survey results indicate EITHER of the following at or beyond the SITE BOUNDARY: 0 Ocset window dose rates GT 1,000 mR/hr expected to continue for GE 60 min. • Chases of field survey samples indicate thyroid CDE GT 5,000 mrem for 60 min. of inhalation. (Notes 1, 2)	Rs1.1 1 2 3 4 5 DEF (1) Reading on any Table 3 effluent radiation monitor GT column "SAE" for GE 15 min. OR 2 3 effluent radiation monitor GT column "SAE" for GE 15 min. OR (2) Dose assessment using actual meteorology indicates doses GT 100 mrem TEDE or GT 500 mrem thysoid CDE at or beyond the SITE BOUNDARY (Notes 1. 2. 3. 4 5 DEF Field survey results indicate EITHER of the following at or beyond the SITE BOUNDARY: 0 DEF Close dwindow dose rates GT 100 mR/hr expected to continue for GE 60 min. 0 mR/hr expected to CDE GT 500 mrem for 60 min. of inhalation. (Notes 1. 2) 1 2 3 3 0	RA1.1 1 2 3 4 5 DEF (1) Reading on any Table 3 effluent radiation monitor GT column "ALERT" for GE 15 min. 0R (2) Dose assessment using actual meteorology indicates doses GT 10 mrem TEDE or GT 50 mrem thyroid CDE at or beyond the SITE BOUNDARY (Notes 1, 2, 3, 4) RA1.2 1 2 3 4 5 DEF Analysis of a liguid effluent sample indicates a concentration or release rate that would result in doses GT 10 mrem TEDE or GT 50 mrem thyroid CDE at or beyond the SITE BOUNDARY for 60 min. of exposure (Notes 1, 2) RA1.3 1 2 3 4 5 Field survey results indicate EITHER of the following at or beyond the SITE BOUNDARY: Coced window dose rates GT 10 mR/hr expected to continue for GE 60 min. .6 Analyses of field survey samples indicate thyroid CDE GT 50 mrem for 60 min. of inhalation. (Notes 1, 2,)		
bnormal Rad		Spent fuel pool level cannot be restored to at least the top of the fuel racks for 60 minutes or longer	Spent fuel pool level at the top of the fuel racks	Significant lowering of water level above, or damage to, irradiated fuel	Unplanned loss of water level above irradiated fuel	
Rad Effluent RG2.1 1 2 3 4 5 DEF Spent fuel pool level cannot be restored to at least 0.5 ft for GE 60 min. (Note 1) Spent fuel pool level cannot be restored to at least 0.5 ft for GE 60 min. (Note 1) Table 3 Effluent Monitor Reactor Building Eshaust PRM.RE-11 PRM.RE-13 7.50E-02 Turbine Building Eshaust PRM.RE-13 7.50E-02 Redwaste Building WEA.RIS-14 3.45E-01 Service Water Process A SW-RIS-606			Image: Note of the synthesis of the synthesyntex of the synthesynthesis of the synthesis of the synthe	RA2.1 1 2 3 4 5 DEF Uncovery of irradiated fuel in the REFUELING PATHWAY RA2.2 1 2 3 4 5 DEF Damage to irradiated fuel resulting in a release of radioactivity AD AD High alarm on any of the following radiation monitors: ARM-RIS-1 Reactor Building Fuel Pool Area ARM-RIS-2 Reactor Building Fuel Pool Area Reactive Area ARM-RIS-2 Reactor Building Fuel Pool Area ARM-RIS-2 Reactor Building Fuel Pool Area ARM-RIS-2 Reactor Building Fuel Pool Area Reactive Area ARM-RIS-3 A to DEF Description of the MINPEDE access to equipment necessary for normal plant operations, coddown or shutdown RA3.1 1 2 3 4 5 DEF DEF (1) Dose rates G1 15 mR/hr in Controd Room (ARM-RIS-19) or CAS (by surver) OR QR QR (2) An UNPLANNED event results in radiation levels that prohibit or iMPEDE access to any Table 9 rooms or areas (Nole 5) Any Table 9 Tooms or areas (Nole 5) Any Table 9 Tooms or areas (Nole 5) Any Table 9 Tooms or areas (Nole 5)	RU2.1 1 2 3 4 5 DEF UNPLANNED water level drop in the REFUELING PATHWA as indicated by EITHER of the following: •	
			Room/Area Modes Applicability		EU1.1 Storage Operations	
E	1 Confinement Boundary	RW 467' Vital Island RB 422' B RHR Pun	Control Room (RHR flush to RW tanks) 3 (RHR-V-9 disconnect) 3 (RHR-V-9 disconnect) 3 p Rm (local pump temperatures) 3 p Rm (operate RHR-V-85B) 3	None	Damage to a loaded canister (MPC) CONFINEMENT BOUNDARY as indicated by measured dose rates on a loaded overpack GT EITHER: 20 mrem/hr (gamma + neutron) on the top of the overpack 100 mrem/hr (gamma + neutron) on the side of the overpack, excluding inlet and outlet ducts	
	1 Security	Nove	HOSTILE ACTION within the PROTECTED AREA HS1.1 1 2 3 4 5 DEF A HOSTILE ACTION is occurring or has occurred within the PROTECTED AREA as reported by the Security Sergeant or Security Lieutenant	HOSTILE ACTION within the OWNER CONTROLLED AREA or airborne attack threat within 30 minutes HA1.1 1 2 3 4 5 DEF (1) A HOSTILE ACTION is occurring or has occurred within the OWNER CONTROLLED AREA as reported by the Security Sergeant or Security Lieutenant OR (2) A validated notification from NRC of an aircraft attack threat within 30 min. of the site	Confirmed SECURITY CONDITION or threat HU1.1 1 2 3 4 5 DEF (1) A SECURITY CONDITION that does not involve a HOSTILE ACTION as reported by the Security Sergeant or Security Lieutenant OR (2) Notification of a credible security threat directed at the site OR (3) A validated notification from the NRC providing information of an aircraft threat	
	2 Seismic Event	Hone	Кон	See CA6.1/MA8.1 for potential for upgrade to an Alert based on degraded safety system performance or damage	Seismic event GT OBE levels HU2.1 1 2 3 4 5 DEF Seismic event GT Operating Basis Earthquake (OBE) as indicated by H13.P851.51.5-1 (OPERATING BASIS EARTHQUAKE EXCEEDED) activated	
	3 Natural or Tech. Hazard	Notes 1 The Emergency Director should declare the event promptly upon determining that time limit has been exceeded, or will likely be exceeded 2 If an ongoing release is detected and the release start time is unknown, assume that the release duration has exceeded the specified time limit 3 If the effluent flow past an effluent monitor is known to have stoped, indicating that the release path is isolated the effluent flow past an effluent monitor is known to classification purposes 4 The pre-calculated effluent monitor values presented in EALs RA1.1, RS1.1 and RG1.1 should be used for emergency classification assessments until the results from a dose assessment using actual meteorology are available 5 If the equipment in the listed room or area was already inoperable or out-of-service before the event occurred, then no emergency dassification is warranted 6 If CONTAINMENT CLOSURE is re-established prior to exceeding the 30-minute time limit, declaration of a General Emergency is not required	Nove	See CA6.1/MA8.1 for potential for upgrade to an Alert based on degraded safety system performance or damage	Hazardous event Hu3.1 1 2 3 4 5 DEF (1) A tornado strike within the PROTECTED AREA OR 0	
5 If the equipment in the listed room or area was already inoperable or out-of-service before the event occurred, then no emergency classification is warranted 6 If CONTAINMENT CLOSURE is re-established prior to exceeding the 30-minute time limit, declaration of a			n 	Table 5 Plant Structures Containing Safe Shutdown Systems or Components ital portions of the Rad Waste/Control Building: 467' elevation vital island 487' elevation cable spreading room Main Control Room and vertical cable chase 525' elevation HVAC area teactor Building Utal portions of the Turbine Building DEH pressure switches RPS switches on turbine throttle valves Main steam line radiation monitors Turbine Building up to MS-V-146 and the first stop valves tiand sprice Water Pump Houses	FIRE potentially degrading the level of safety of the plant HU4.1 1 2 3 4 5 6 6 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7	

		Table S	Safe Operation & Shutdown Rod	oms/Areas		See CA6.1/MA8.1 for potential for upgrade to an Alert based on degraded safety system performance or damage	OR (2) A FIRE within the ISFSI or plant PROTECTED AREA that requires firefighting support by an offsite fire response agency to extinguish
5 Hazardous Gases	Nove	RW 467' Vital Isla RB 422' B RHR P	Room/Area te Control Room (RHR flush to RW tanks) and (RHR-V-9 disconnect) 'ump Rm (local pump temperatures) 'ump Rm (operate RHR-V-85B)	Modes Applicability 3 3 3 3 3 3	HA5.1 Release o into <u>any</u> Ti AND	seour misese IMPEDING access to equipment necessary for marganet operations, cooldown or shutdown 1 2 3 4 5 DEF 1 toxic, corrosive, asphyxiant or flammable gas able 9 rooms or areas the room or area is prohibited or IMPEDED (Note 5)	
6 Control Room Evacuation	None	AND Control of any of the following key safety functions is <u>not</u> reestablished within 15 min. (Note 1): • Reactivity (Modes 1 and 2 only) • RPP water level • RCS heat removal		Control Room evacuation resulting in transfer of plant control to alternate locations HA6.1 1 2 3 4 5 DEF An event has resulted in plant control being transferred from the Control Room to the Remote Shutdown Panel or Alternate Remote Shutdown Panel		None	
7 Judgment	Other conditions existing which in the judgm Director warrant declaration of General Eme HG7.1 1 2 3 4 5 Other conditions exist which, in the judgm Emergency Director, indicate that events a have occurred which involve actual or IMs substantial core degradation or melting will loss of containment integrity or HOSTILE / results in an actual loss of physical control Releases can be reasonably expected to a Protective Action Guideline exposure level than the immediate site area.	rgency DEF ent of the are in progress or fINENT th potential for ACTION that I of the facility. exceed EPA	Other conditions existing which in it Director warrant declaration of Site HS7.1 1 2 3 4 Other conditions exist which, in the ji Emergency Director, indicate that ev have occurred which involve actual plant functions needed for protection HOSTILE ACTION that results in inter malicious acts, (1) toward site person could lead to the likely failure of or, (2) access to equipment needed for the Any releases are not expected to res which exceed EPA Protective Action levels beyond the SITE BOUNDARY	Area Emergency dudgment of the ents are in progress or or likely major failures of of the public or nichonal damage or anel or equipment that protection of the public. sult in exposure levels Guideline exposure	Em HA7.1 Other cor Emergen have occ substanti a security to site pe HOSTILE	er conditions existing which in the judgment of the ergency Director warrant declaration of an Alert 1 2 3 4 5 DEF diftions exist which, in the judgment of the cy Director, indicate that events are in progress or arred which involves an actual or potential al degradation of the level of safety of the plant or event that involves probable life threatening risk somel or damage to site equipment because of ACTION. Any releases are expected to be limited actions of the EPA Protective Action Guideline levels.	Other conditions existing which in the judgment of the Emergency Director warrant declaration of a UE HU7.1 1 2 3 4 5 DEF Other conditions exist which, in the judgment of the Emergency Director, indicate that events are in progress or have occurred which indicate a potential degradation of the level of safety of the plant or indicate a security threat to facility protection has been initiated. No releases of radioactive material requiring offsile response or monitoring are expected unless further degradation of SAFETY SYSTEMS occurs.
lodes:	Power Operations Startup	3 Hot Shutdown	Cold Shutdown Refuelin	ng DEF]		13.1.1 Rev. 49 MR 1 CLASSIFYING THE EMERGENCY 1/16/2019 ALL CONDITIONS