

LR-N17-0002

Attachment 11

SGS - EAL Wall Charts

(2 pages)

	GENERAL EMERGENCY Implement Att. 4	SITE AREA EMERGENCY Implement Att. 3	ALERT Implement Att. 2	UNUSUAL EVENT Implement Att. 1 (Att. 24 for Common Site)
1 Offsite Rad Conditions	Release of gaseous radioactivity resulting in offsite dose greater than 1,000 mrem TEDE or 5,000 mrem thyroid CDE RG1.1 [1 2 3 4 5 6 DEF] In the absence of dose assessment results, reading on ANY Table R-1 effluent radiation monitor > column "GE" for ≥ 15 min. (Notes 1, 2, 3, 4) RG1.2 [1 2 3 4 5 6 DEF] Dose assessment using actual meteorology indicates doses > 1,000 mrem TEDE or 5,000 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA (Note 4) RG1.3 [1 2 3 4 5 6 DEF] Field survey results indicate EITHER of the following at or beyond the PROTECTED AREA boundary: • Closed window dose rates > 1,000 mR/hr expected to continue for ≥ 60 min. • Analyses of field survey samples indicate I-131 concentration > 3.85E-06 µCi/cc (Notes 1, 2)	Release of gaseous radioactivity resulting in offsite dose greater than 100 mrem TEDE or 500 mrem thyroid CDE RS1.1 [1 2 3 4 5 6 DEF] In the absence of dose assessment results, reading on ANY Table R-1 effluent radiation monitor > column "SAE" for ≥ 15 min. (Notes 1, 2, 3, 4) RS1.2 [1 2 3 4 5 6 DEF] Dose assessment using actual meteorology indicates doses > 100 mrem TEDE or 500 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA (Note 4) RS1.3 [1 2 3 4 5 6 DEF] Field survey results indicate EITHER of the following at or beyond the PROTECTED AREA boundary: • Closed window dose rates > 100 mR/hr expected to continue for ≥ 60 min. • Analyses of field survey samples indicate I-131 concentration > 3.85E-07 µCi/cc (Notes 1, 2)	Release of gaseous or liquid radioactivity resulting in offsite dose greater than 10 mrem TEDE or 50 mrem thyroid CDE RA1.1 [1 2 3 4 5 6 DEF] In the absence of dose assessment results, reading on ANY Table R-1 effluent radiation monitor > column "ALERT" for ≥ 15 min. (Notes 1, 2, 3, 4) RA1.2 [1 2 3 4 5 6 DEF] Dose assessment using actual meteorology indicates doses > 10 mrem TEDE or 50 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA (Note 4) RA1.3 [1 2 3 4 5 6 DEF] Analysis of a liquid effluent sample indicates a concentration or release rate that would result in doses > 10 mrem TEDE or 50 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA for 60 min. of exposure (Notes 1, 2) RA1.4 [1 2 3 4 5 6 DEF] Field survey results indicate EITHER of the following at or beyond the PROTECTED AREA boundary (Notes 1, 2): • Closed window dose rates > 10 mR/hr expected to continue ≥ 60 min. • Analyses of field survey samples indicate I-131 concentration > 3.85E-08 µCi/cc	Release of gaseous or liquid radioactivity greater than 2 times the ODCM limits for 60 minutes or longer RU1.1 [1 2 3 4 5 6 DEF] Reading on ANY Table R-1 effluent radiation monitor > column "UE" for ≥ 60 min. (Notes 1, 2, 3) RU1.2 [1 2 3 4 5 6 DEF] Sample analysis for a gaseous or liquid release indicates a concentration or release rate > Table R-2 threshold for ≥ 60 min. (Notes 1, 2)
	Spent fuel pool level at the top of the fuel racks RG2.1 [1 2 3 4 5 6 DEF] Spent fuel pool level CANNOT be restored to at least 105.5 ft. for ≥ 60 min. (Note 1)	Spent fuel pool level at the top of the fuel racks RS2.1 [1 2 3 4 5 6 DEF] Lowering of spent fuel pool level to 105.5 ft.	Significant lowering of water level above, or damage to, irradiated fuel RA2.1 [1 2 3 4 5 6 DEF] Uncovery of irradiated fuel in the REFUELING PATHWAY RA2.2 [1 2 3 4 5 6 DEF] Damage to irradiated fuel resulting in a release of radioactivity that causes a high alarm on ANY of the following radiation monitors: Fuel Handling Bldg • 12/R5 Fuel Handling Bldg • 12/R9 Fuel Storage Area • 12/R32A Fuel Handling Crane Fuel Handling Bldg (local monitor) • 12/R41A Plant Vent Containment • 12/R2 Containment General Area 130 ft elevation • 12/R11A Containment Air - Particulate • 12/R12A Containment Vent - Noble Gas • 12/R12B Containment Vent - Iodine RA2.3 [1 2 3 4 5 6 DEF] Lowering of spent fuel pool level to 115 ft.	UNPLANNED loss of water level above irradiated fuel RU2.1 [1 2 3 4 5 6 DEF] UNPLANNED water level drop in the REFUELING PATHWAY as indicated by ANY of the following: • Confirmed SFP low level alarm (OHA-C35 SFP LVL LO) • RVLIS - Refueling Mode • Visual observation (local or remote) AND VALID area radiation monitor reading rise on ANY of the following: • 12/R5 Fuel Handling Bldg • 12/R9 Fuel Storage Area • 12/R32A Fuel Handling Crane Fuel Handling Bldg (local monitor) • 12/R41A Plant Vent Containment • 12/R2 Containment General Area 130 ft elevation • Temporary ARMs on 130 ft elevation of the Containment or Fuel Handling Building
	Table R-1 Effluent Monitor Classification Thresholds * Gasous Plant Vent Effluent Noble Gas Unit 1 - Unit 2 Liquid Containment Fan Coil Process Liquid Radwaste Disposal Process Steam Generator Blowdown Process Non-Rad Liquid Waste	Table R-1 Effluent Monitor Classification Thresholds * Gasous Plant Vent Effluent Noble Gas Unit 1 - Unit 2 Liquid Containment Fan Coil Process Liquid Radwaste Disposal Process Steam Generator Blowdown Process Non-Rad Liquid Waste	Table R-1 Effluent Monitor Classification Thresholds * Gasous Plant Vent Effluent Noble Gas Unit 1 - Unit 2 Liquid Containment Fan Coil Process Liquid Radwaste Disposal Process Steam Generator Blowdown Process Non-Rad Liquid Waste	Table R-3 Safe Operation & Shutdown Rooms/Areas Unit 1/2 Room/Area Mode Applicability
	2 Irradiated Fuel Events	3 Area Radiation Levels	4 Spent Fuel Transit & Storage	5 RCS Activity
2 Abnormal Rad Levels Rad Effluent	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
3 System Malfunc.	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
3 Loss of CR Indications	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
4 RCS Activity	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
5 RCS Leakage	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
6 RPS Failure	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
7 Loss of Commun.	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
8 CMT Failure	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
9 Hazardous Event Affecting Safety Systems	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None

	GENERAL EMERGENCY Implement Att. 4	SITE AREA EMERGENCY Implement Att. 3	ALERT Implement Att. 2	UNUSUAL EVENT Implement Att. 1 (Att. 24 for Common Site)
1 Loss of AC Power	SG1.1 [1 2 3 4] Loss of ALL offsite and ALL onsite AC power to vital buses for 15 minutes or longer AND EITHER of the following: • Restoration of at least one vital bus in < 4 hrs is NOT likely (Note 1) • CFST Core Cooling RED path conditions met	SS1.1 [1 2 3 4] Loss of ALL offsite and ALL onsite AC power to 4 KV vital buses for ≥ 15 min. (Note 1)	SA1.1 [1 2 3 4] AC power capability to 4 KV vital buses reduced to a single power source for ≥ 15 min. (Note 1) AND ANY additional single power source failure will result in loss of ALL AC power to SAFETY SYSTEMS	SU1.1 [1 2 3 4] Loss of ALL offsite AC power to 4 KV vital buses for ≥ 15 min. (Note 1)
	SG2.1 [1 2 3 4] Loss of ALL offsite and ALL onsite AC power to 4 KV vital buses for ≥ 15 min. AND EITHER: • < 114 VDC bus voltage indications on ALL 125 VDC vital buses for ≥ 15 min. • < 25 VDC bus voltage indications on both 28 VDC vital buses for ≥ 15 min. (Note 1)	SS2.1 [1 2 3 4] < 114 VDC bus voltage indications on ALL 125 VDC vital buses for ≥ 15 min. OR < 25 VDC bus voltage indications on both 28 VDC vital buses for ≥ 15 min. (Note 1)	SA2.1 [1 2 3 4] None	SU2.1 [1 2 3 4] None
	SG3.1 [1 2 3 4] Loss of ALL vital AC and vital DC power sources for 15 minutes or longer	SS3.1 [1 2 3 4] None	SA3.1 [1 2 3 4] UNPLANNED loss of Control Room indications for 15 minutes or longer with a significant transient in progress	SU3.1 [1 2 3 4] UNPLANNED loss of Control Room indications for 15 minutes or longer
	SG4.1 [1 2 3 4] None	SS4.1 [1 2 3 4] None	SA4.1 [1 2 3 4] None	SU4.1 [1 2 3 4] Reactor coolant activity greater than Technical Specification allowable limits
2 Loss of DC Power	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
3 Loss of CR Indications	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
4 RCS Activity	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
5 RCS Leakage	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
6 RPS Failure	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
7 Loss of Commun.	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
8 CMT Failure	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None
9 Hazardous Event Affecting Safety Systems	None	None	None	None
	None	None	None	None
	None	None	None	None
	None	None	None	None

Modes:	1	2	3	4	5	6	D
	Power Operations	Startup	Hot Standby	Hot Shutdown	Cold Shutdown	Refueling	Defueled

WALL CHART (HOT) EP-SA-325-130 Revision 0	EAL WALL CHART - HOT CONDITIONS (RCS > 200°F)
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	GENERAL EMERGENCY Implement Att. 4	SITE AREA EMERGENCY Implement Att. 3	ALERT Implement Att. 2	UNUSUAL EVENT Implement Att. 1 (Att. 24 for Common Site)	
R Abnormal Rad Levels Rad Effluent	1 Offsite Rad Conditions	Release of gaseous radioactivity resulting in offsite dose greater than 1,000 mrem TEDE or 5,000 mrem thyroid CDE. RG1.1 [1 2 3 4 5 6 DEF] In the absence of dose assessment results, reading on ANY Table R-1 effluent radiation monitor > column "GE" for ≥ 15 min. (Notes 1, 2, 3, 4) RG1.2 [1 2 3 4 5 6 DEF] Dose assessment using actual meteorology indicates doses > 1,000 mrem TEDE or 5,000 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA (Note 4) RG1.3 [1 2 3 4 5 6 DEF] Field survey results indicate EITHER the following at or beyond the PROTECTED AREA boundary: • Closed window dose rates > 1,000 mR/hr expected to continue for ≥ 60 min. • Analyses of field survey samples indicate I-131 concentration > 3.85E-06 µCi/cc (Notes 1, 2)	Release of gaseous radioactivity resulting in offsite dose greater than 100 mrem TEDE or 500 mrem thyroid CDE. RS1.1 [1 2 3 4 5 6 DEF] In the absence of dose assessment results, reading on ANY Table R-1 effluent radiation monitor > column "SAE" for ≥ 15 min. (Notes 1, 2, 3, 4) RS1.2 [1 2 3 4 5 6 DEF] Dose assessment using actual meteorology indicates doses > 100 mrem TEDE or 500 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA (Note 4) RS1.3 [1 2 3 4 5 6 DEF] Field survey results indicate EITHER the following at or beyond the PROTECTED AREA boundary: • Closed window dose rates > 100 mR/hr expected to continue for ≥ 60 min. • Analyses of field survey samples indicate I-131 concentration > 3.85E-07 µCi/cc (Notes 1, 2)	Release of gaseous or liquid radioactivity resulting in offsite dose greater than 10 mrem TEDE or 50 mrem thyroid CDE. RA1.1 [1 2 3 4 5 6 DEF] In the absence of dose assessment results, reading on ANY Table R-1 effluent radiation monitor > column "ALERT" for ≥ 15 min. (Notes 1, 2, 3, 4) RA1.2 [1 2 3 4 5 6 DEF] Dose assessment using actual meteorology indicates doses > 10 mrem TEDE or 50 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA (Note 4) RA1.3 [1 2 3 4 5 6 DEF] Analysis of a liquid effluent sample indicates a concentration or release rate that would result in doses > 10 mrem TEDE or 50 mrem thyroid CDE at or beyond the MINIMUM EXCLUSION AREA for 60 min. of exposure (Notes 1, 2) RA1.4 [1 2 3 4 5 6 DEF] Field survey results indicate EITHER the following at or beyond the PROTECTED AREA boundary (Notes 1, 2): • Closed window dose rates > 10 mR/hr expected to continue ≥ 60 min. • Analyses of field survey samples indicate I-131 concentration > 3.85E-08 µCi/cc.	Release of gaseous or liquid radioactivity greater than 2 times the ODCM limit for 60 minutes or longer. RU1.1 [1 2 3 4 5 6 DEF] Reading on ANY Table R-1 effluent radiation monitor > column "UE" for ≥ 60 min. (Notes 1, 2, 3) RU1.2 [1 2 3 4 5 6 DEF] Sample analysis for a gaseous or liquid release indicates a concentration or release rate > Table R-2 threshold for ≥ 60 min. (Notes 1, 2) AND ANY Containment Challenge indication, Table C-2
	2 Irradiated Fuel Events	Spent fuel pool level at the top of the fuel racks RG2.1 [1 2 3 4 5 6 DEF] Spent fuel pool level CANNOT be restored to at least 105.5 ft. for ≥ 60 min. (Note 1)	Spent fuel pool level at the top of the fuel racks RS2.1 [1 2 3 4 5 6 DEF] Lowering of spent fuel pool level to 105.5 ft.	Significant lowering of water level above, or damage to, irradiated fuel RA2.1 [1 2 3 4 5 6 DEF] Uncovery of irradiated fuel in the REFUELING PATHWAY RA2.2 [1 2 3 4 5 6 DEF] Damage to irradiated fuel resulting in a release of radioactivity that causes a High alarm on ANY of the following radiation monitors: Fuel Handling Bldg • 1(2)R5 Fuel Handling Bldg • 1(2)R6 Fuel Storage Area • 1(2)R32A Fuel Handling Crane Fuel Handling Bldg (local monitor) • 1(2)R41A Plant Vent Containment • 1(2)R2 Containment General Area 130 ft elevation • 1(2)R11A Containment Air - Particulate • 1(2)R12A Containment Vent - Noble Gas • 1(2)R12B Containment Vent - Iodine RA2.3 [1 2 3 4 5 6 DEF] Lowering of spent fuel pool level to 115 ft.	UNPLANNED loss of water level above irradiated fuel RU2.1 [1 2 3 4 5 6 DEF] UNPLANNED water level drop in the REFUELING PATHWAY as indicated by ANY of the following: • Confirmed SFP low level alarm (OHA-C35 SFP LVL LO) • RVLIS - Refueling Mode • Visual observation (local or remote) AND VALID area radiation monitor reading rise on ANY of the following: • 1(2)R5 Fuel Handling Bldg • 1(2)R6 Fuel Storage Area • 1(2)R32A Fuel Handling Crane Fuel Handling Bldg (local monitor) • 1(2)R41A Plant Vent • 1(2)R2 Containment General Area 130 ft elevation • Temporary ARMs on 130 ft elevation of the Containment or Fuel Handling Building
	3 Area Radiation Levels	None	None	Radiation levels that IMPEDE access to equipment necessary for normal plant operations, cooldown or shutdown RA3.1 [1 2 3 4 5 6 DEF] Dose rates > 15 mR/hr in EITHER of the following: • Control Room (1(2)R1A) • Control Alarm Station RA3.2 [1 2 3 4] An UNPLANNED event results in radiation levels that prohibit or IMPEDE access to ANY Table R-3 rooms or areas (Note 5)	Table R-3 Safe Operation & Shutdown Rooms/Areas Unit 1/2 Room/Area Mode Applicability 78' Electrical Penetration Area 4 64' Switchgear Room 4 SI Pump Room 3, 4 45' RHR Pump Rooms 3, 4
	4 Spent Fuel Transit & Storage	None	None	Damage to a loaded cask CONFINEMENT BOUNDARY RU4.1 [1 2 3 4 5 6 DEF] Damage to a Multi Purpose Canister (MPC)/CONFINEMENT BOUNDARY as indicated by on-contact radiation readings > EITHER of the following: • 600 mR/hr (gamma + neutron) on the surface of the spent fuel cask, excluding the air vents • 60 mR/hr (gamma + neutron) on the top of the spent fuel cask	Confirmed SECURITY CONDITION or threat HU1.1 [1 2 3 4 5 6 DEF] (Common Site) A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the Security Shift Manager or designee (Note 6) OR Notification of a credible security threat directed at the site – (determined by security in accordance with SV-AA-101-132, "Threat Assessment") (Note 6) OR A VALIDATED notification from the NRC providing information of an aircraft threat (Note 6)

	GENERAL EMERGENCY Implement Att. 4	SITE AREA EMERGENCY Implement Att. 3	ALERT Implement Att. 2	UNUSUAL EVENT Implement Att. 1 (Att. 24 for Common Site)
R Abnormal Rad Levels Rad Effluent	1 Security	None	None	None
	2 Seismic Event	None	None	[Refer to CA6.1 or SA6.1 for potential escalation due to a seismic event]
	3 Natural or Tech. Hazard	None	None	[Refer to CA6.1 or SA6.1 for potential escalation due to a hazardous event]
	4 Fire	None	None	[Refer to CA6.1 or SA6.1 for potential escalation due to fire]
H Hazards	5 Hazardous Gases	None	None	None
	6 Control Room Evacuation	None	None	None
7 EC Judgment	Other conditions exist which in the judgment of the Emergency Coordinator warrant declaration of a GENERAL EMERGENCY HG7.1 [1 2 3 4 5 6 DEF]	Other conditions existing that in the judgment of the Emergency Coordinator warrant declaration of a SITE AREA EMERGENCY HS7.1 [1 2 3 4 5 6 DEF]	Other conditions existing that in the judgment of the Emergency Coordinator warrant declaration of an ALERT HA7.1 [1 2 3 4 5 6 DEF]	Other conditions existing that in the judgment of the Emergency Coordinator warrant declaration of an UNUSUAL EVENT HU7.1 [1 2 3 4 5 6 DEF]

	GENERAL EMERGENCY Implement Att. 4	SITE AREA EMERGENCY Implement Att. 3	ALERT Implement Att. 2	UNUSUAL EVENT Implement Att. 1 (Att. 24 for Common Site)	
1 RCS Level	Loss of RCS inventory affecting fuel clad integrity with containment challenge CG1.1 [1 2 3 4 5 6 DEF] RCS level CANNOT be monitored for ≥ 30 min. (Note 1) AND Core uncovory is indicated by ANY of the following: • R44A > 6.3 R/hr • R10B > 5,740 mR/hr • R2 > 130 mR/hr • Erratic Source Range Monitor indication • ANY UNPLANNED RCS leakage indication, Table C-1, of sufficient magnitude to indicate core uncovory AND ANY Containment Challenge indication, Table C-2	Loss of RCS inventory affecting core decay heat removal capability CS1.1 [1 2 3 4 5 6 DEF] RCS level CANNOT be monitored for ≥ 30 min. (Note 1) AND Core uncovory is indicated by ANY of the following: • R44A > 6.3 R/hr • R10B > 5,740 mR/hr • R2 > 130 mR/hr • Erratic Source Range Monitor indication • ANY UNPLANNED RCS leakage indication, Table C-1, of sufficient magnitude to indicate core uncovory	Significant loss of RCS inventory CA1.1 [1 2 3 4 5 6 DEF] UNPLANNED loss of RCS inventory as indicated by RCS level < 97.5 ft CA1.2 [1 2 3 4 5 6 DEF] RCS level CANNOT be monitored for ≥ 15 min. (Note 1) AND ANY UNPLANNED RCS leakage indication, Table C-1, due to a loss of RCS inventory	UNPLANNED loss of RCS inventory CU1.1 [1 2 3 4 5 6 DEF] UNPLANNED loss of reactor coolant results in RCS level below the established control band for ≥ 15 min. (Note 1) CU1.2 [1 2 3 4 5 6 DEF] RCS level CANNOT be monitored AND ANY UNPLANNED RCS leakage indication, Table C-1, due to a loss of RCS inventory	
	2 Loss of AC Power	Table C-2 Containment Challenge Indications • CONTAINMENT CLOSURE NOT established (Note 9) • Containment hydrogen concentration > 4% • UNPLANNED rise in Containment pressure	Table C-1 RCS Leakage Indications • Rise in Containment sump pump run frequency • Aux Building sump level rise • PRT level rise • RWST level rise • RCOT level rise • Rise in RCS make-up rate • Observation of RCS leakage that is UNISOLABLE	Loss of ALL offsite and ALL onsite AC power to vital buses for 15 minutes or longer CA2.1 [1 2 3 4 5 6 DEF] Loss of ALL offsite and ALL onsite AC power to 4 KV vital buses for ≥ 15 min. (Note 1) OR Inability to maintain plant in cold shutdown CA3.1 [1 2 3 4 5 6 DEF] UNPLANNED increase in RCS temperature to > 200°F due to a loss of RCS cooling for > Table C-3 duration (Note 1) OR UNPLANNED RCS pressure increase > 10 psig (this portion of the EAL does NOT apply in solid plant conditions)	Loss of ALL but one AC power source to vital buses for 15 minutes or longer CU2.1 [1 2 3 4 5 6 DEF] AC power capability to 4 KV vital buses reduced to a single power source for ≥ 15 min. (Note 1) AND ANY additional single power source failure will result in loss of ALL AC power to SAFETY SYSTEMS
	3 RCS Temp.	None	Table C-3 RCS Heatup Duration Thresholds RCS Status CONTAINMENT CLOSURE Duration Threshold Intact AND NOT reduced inventory NOT Applicable 60 minutes ** NOT Intact OR reduced inventory Established 20 minutes ** NOT Intact OR reduced inventory NOT Established 0 minutes ** If an RCS heat removal system is in operation within this time frame and RCS temperature is being reduced, the EAL is NOT applicable	UNPLANNED increase in RCS temperature to > 200°F due to a loss of RCS cooling for > Table C-3 duration (Note 1) OR UNPLANNED RCS pressure increase > 10 psig (this portion of the EAL does NOT apply in solid plant conditions)	Loss of Vital DC power for 15 minutes or longer CU4.1 [1 2 3 4 5 6 DEF] < 114 VDC bus voltage indications on required 125 VDC vital buses for ≥ 15 min. OR < 25 VDC bus voltage indications on required 28 VDC vital buses for ≥ 15 min. (Note 1)
	4 Loss of DC Power	None	None	Table C-4 Communications Methods System Onsite Offsite NRC Direct Inward Dial System (DID) X X X Station Page System (Gaitronics) X Station Radio System X Nuclear Emergency Telephone System (NETS) X X Centrex Phone System (ESSX) X X NRC (ENS) X X	Loss of ALL onsite or offsite communications capabilities CU5.1 [1 2 3 4 5 6 DEF] Loss of ALL Table C-4 onsite communication methods OR Loss of ALL Table C-4 offsite communication methods OR Loss of ALL Table C-4 NRC communication methods
5 Loss of Commun.	None	None	Table C-5 Hazardous Events • Seismic event (earthquake) • Internal or external FLOODING event • High winds or tornado strike • FIRE • EXPLOSION • Other events with similar hazard characteristics as determined by the Shift Manager	None	
6 Hazardous Event Affecting Safety Systems	None	None	Hazardous event affecting a SAFETY SYSTEM needed for the current operating mode CA6.1 [1 2 3 4 5 6 DEF] The occurrence of ANY Table C-5 hazardous event AND EITHER: • Event damage has caused indications of degraded performance in at least one train of a SAFETY SYSTEM needed for the current operating mode • The event has caused VISIBLE DAMAGE to a SAFETY SYSTEM component or structure needed for the current operating mode	None	

NOTES

- The Emergency Coordinator should declare the event promptly upon determining that time limit has been exceeded, or will likely be exceeded.
- If an ongoing release is detected and the release start time is unknown, assume that the release duration has exceeded the specified time limit.
- If the effluent flow past an effluent monitor is known to have stopped, indicating that the release path is isolated, the effluent monitor reading is NO longer VALID for classification purposes.
- 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.
- 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.
- Shift Manager (SM) should implement the Prompt Actions of the Security Emergency Guideline Attachment located in NC-EP-ZZ-0102, EC Response, prior to classification of a security emergency.
Key information to obtain from Security Supervision upon SM notification of a security event:
• Determination if the security event is a HOSTILE ACTION or SECURITY CONDITION
• If a HOSTILE ACTION, is location the OCA or PA?
- This EAL does NOT apply to routine traffic impediments such as fog, snow, ice, or vehicle breakdowns or accidents.
- A manual scram action is ANY operator action, or set of actions, which causes the control rods to be rapidly inserted into the core, and does NOT include manually driving in control rods or implementation of boron injection strategies.
- If CONTAINMENT CLOSURE is re-established prior to exceeding the 30-min. time limit, declaration of a GENERAL EMERGENCY is NOT required.
- One full train of depressurization equipment consists of EITHER:
• at least 5 CFCUs running in low speed with NO Containment Spray train in service
• at least 3 CFCUs running in low speed with one Containment Spray train in service
- Refer to the Fission Product Barrier Table for possible event escalation due to RCS leakage or high RCS activity.

Modes: [1] [2] [3] [4] [5] [6] [D]
Power Operations Startup Hot Standby Hot Shutdown Cold Shutdown Refueling Defueled

WALL CHART (COLD)
EP-SA-325-130
Revision 0

EAL WALL CHART - COLD CONDITIONS (RCS ≤ 200°F)