

ATTACHMENT 1 (PAGE 1 OF 2)
EMERGENCY ACTION LEVEL (EAL) CRITERIA

GENERAL EMERGENCY	SITE EMERGENCY	ALERT	UNUSUAL EVENT	NOTIFICATION SYSTEM EVENT CODE	EQUIPMENT FAILURE	ELECTRICAL	SECURITY	FIRE	NATURAL PHENOMENA	OTHER HAZARDS
<p>GENERAL EMERGENCY</p> <p>Category 5</p> <p>R01 Valid WWSM (R0-5415) reading of AT LEAST 3E+9 µCi/sec for GREATER THAN 15 minutes (with dose assessment unavailible). Valid Main Steam Effluent Monitor (R0-5421, R0-5422) reading of AT LEAST 40 mrem/h for GREATER THAN 15 minutes (with dose assessment unavailible). Dose assessment determines integrated incident forward area off site is AT LEAST 1 rem (DSE+CESE) Or 5 rem CDE (up to 10 rem)</p>	<p>SITE EMERGENCY</p> <p>R02 Valid WWSM (R0-5415) reading of AT LEAST 3E+8 µCi/sec for GREATER THAN 15 minutes (with dose assessment unavailible). Valid Main Steam Effluent Monitor (R0-5421, R0-5422) reading of AT LEAST 4 mrem/h for GREATER THAN 15 minutes (with dose assessment unavailible). Dose assessment determines integrated incident forward area off site is AT LEAST 0.1 rem (DSE+CESE) Or 0.5 rem CDE (up to 1.0 rem)</p>	<p>ALERT</p> <p>R03 Valid WWSM (R0-5415) reading of AT LEAST 3E+7 µCi/sec for GREATER THAN 15 minutes (with dose assessment unavailible). Valid Main Steam Effluent Monitor (R0-5421, R0-5422) reading of AT LEAST 0.4 mrem/h for GREATER THAN 15 minutes (with dose assessment unavailible). Dose assessment determines integrated incident forward area off site is AT LEAST 0.01 rem (DSE+CESE) Or 0.05 rem CDE (up to 0.1 rem)</p>	<p>UNUSUAL EVENT</p> <p>R04 Valid WWSM (R0-5415) reading of AT LEAST 3E+5 µCi/sec for GREATER THAN 60 minutes Valid Main Steam Effluent Monitor (R0-5421, R0-5422) reading of AT LEAST 2E+5 CPM for GREATER THAN 60 minutes Valid Waste Processing Monitor (R0-5418) reading of AT LEAST 4E+5 CPM for GREATER THAN 60 minutes Valid Fuel Handling Area Ventilation Exhaust Radiation Monitor (R0-5420) reading of AT LEAST 2.4E+5 CPM for GREATER THAN 60 minutes Valid ECC/PP Room Monitor (R0-5484) reading 0.05 rad/h for GREATER THAN 60 minutes</p>	<p>NOTIFICATION SYSTEM EVENT CODE</p> <p>R05 Mode 1, 2, 3, 4 See Fission Barrier Reference Table Loss or potential loss of third barrier</p>	<p>EQUIPMENT FAILURE</p> <p>R06 Mode 1, 2, 3, 4 See Fission Barrier Reference Table Loss or potential loss of third barrier</p>	<p>ELECTRICAL</p> <p>R07 Mode 1, 2, 3, 4 Both 4KV vital buses on the same unit lose off-site power AND one 4KV vital bus is de-energized for greater than 15 minutes. OR Both 4KV vital buses on the same unit lose off-site power AND both 4KV vital buses are de-energized for greater than 15 minutes. OR Valid CT indicators are indicating separation.</p>	<p>SECURITY</p> <p>R08 Any security incident resulting in loss of ability to: - Address AND maintain safe shutdown of either reactor - Maintain control of Spent Fuel Pool (SFP) cooling function or SFP level OR R09 Security reports ANY of the following events in a Vital Area or in an Area of Concern for Safe Shutdown: - Discovery of a confirmed explosive/secondary device - Confirmed intrusion - Confirmed tampering (sabotage)</p>	<p>FIRE</p> <p>R10 Any fire in an Area of Concern for Safe Shutdown that is not extinguished within 30 minutes of its detection. OR R11 Any fire in an Area of Concern for Safe Shutdown that is not extinguished within 15 minutes of the first extinguishing agent being applied. OR R12 Explosion in ANY of the below listed areas: - Any Area of Concern for Safe Shutdown. - Any Area of Concern for Safe Shutdown.</p>	<p>NATURAL PHENOMENA</p> <p>R13 Seismic event causing ground acceleration GREATER THAN 0.04g horizontal or 0.025g vertical. OR R14 Sustained wind speed GREATER THAN 90 MPH (40 meters/second) for AT LEAST 15 minutes. OR R15 Sustained wind speed GREATER THAN 75 MPH (34 meters/second) for AT LEAST 15 minutes. OR R16 Any water level or air above bottom of travelling screen cover housing. OR R17 Any water level is AT LEAST 3 feet below mean sea level.</p>	<p>OTHER HAZARDS</p> <p>R18 Any condition which in the SEC's judgment indicates potential for radiological release resulting from safe shutdown actions. OR R19 Any condition which in the SEC's judgment indicates loss or potential loss of two fission product barriers. OR R20 Control Room evacuation initiated AND either of the following: - inability to establish Auxiliary Feedwater to AT LEAST two Steam Generators within 30 minutes - inability to establish Reactor Coolant Make-up (RCMU) charging pump flow within 60 minutes.</p>

D-01