

TABLE BYA 5-1 (Continued...)

BYRON EMERGENCY ACTION LEVELS

CONDITIONS	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
14) Conditions or systems required by Technical Specifications (i.e. ECCS, fire protection, etc.)	Equipment described in the Technical Specifications is degraded such that a limiting condition for operation requires a shutdown.	A) Equipment described in the Technical Specifications is degraded beyond the limiting condition for operation that requires a shutdown; OR B) has exceeded a Technical Specification safety limit.		
15) Inadequate Core Cooling	\bar{u} 650°F in average of 10 highest incore thermocouple readings. OR RCS Subcooling not acceptable from Iconic Display for 15 minutes.	Byron Status Tree's (BST's) require entry into BFR-C.2 Response to Degraded Core Cooling, based on RCS subcooling, AVLIS Plenum region indication and core exit thermocouples.	Byron Status Tree's (BST's) require entry into BFR-C.1 Response to Inadequate Core Cooling, based on core exit thermocouples \bar{u} 1200°F.	
16) Loss of Primary Coolant	A) Failure of a primary system safety valve to close, OR a primary PORV failure to close, and its isolation valve will not close.	A \bar{u} 50 gpm leakage increase in a 4-hour period as indicated by either leak rate calculations, charging pump flow or VCT level changes.	Primary system leakage is beyond makeup capabilities of centrifugal charging pumps.	Primary system leakage is beyond makeup capabilities of centrifugal charging pumps AND Failure to activate ECCS.

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TABLE BYA 5-1 (Continued...)

BYRON EMERGENCY ACTION LEVELS

CONDITIONS	UNUSUAL EVENT	ALERT	SITE EMERGENCY	GENERAL EMERGENCY
1b) Loss of Primary Coolant (Continued)	B) Total Reactor Coolant Leakage, excluding Pressure Boundary Leakage, exceeds the limits specified in the Technical Specification Limiting Condition for Operation for greater than or equal to 4 hours. C) Detection of any Reactor Coolant Pressure Boundary leakage.			

BYA 5-7a

TABLE BWA 5-1 (cont'd)

BRAIDWOOD
EMERGENCY ACTION LEVELS

<u>CONDITIONS</u>	<u>UNUSUAL EVENT</u>	<u>ALERT</u>	<u>SITE EMERGENCY</u>	<u>GENERAL EMERGENCY</u>
16) Loss of Primary Coolant	<p>A) Failure of a primary system safety or relief valve to close, <u>OR</u> a primary PORV failure to close, and its block valve will not isolate.</p> <p>B) Total Reactor Coolant Leakage, excluding Pressure Boundary Leakage, exceeds the limits specified in the Technical Specification Limiting Condition for Operation for greater than or equal to 4 hours.</p> <p>C) Detection of any Reactor Coolant Pressure Boundary leakage.</p>	<p>A > 50 gpm leakage <u>increase</u> in a 4 hour period as indicated by either leak rate calculations, charging pump flow or VCT level changes.</p>	<p>Primary system leakage is beyond makeup capabilities of charging pumps.</p>	<p>Primary system leakage is beyond makeup capabilities of charging pumps <u>and</u> Failure to activate ECCS.</p>