3.2 POWER DISTRIBUTION LIMITS

3.2.1 Linear Power Density (LPD)

LCO 3.2.1 The LPD shall not exceed the limits specified in the COLR.

APPLICABILITY: MODE 1 with THERMAL POWER > 10% RTP.

ACTIONS

CONDITION	REQUIRED ACTION		COMPLETION TIME
A. LPD not within limits.	A.1	Restore LPD to within limits.	1 hour
B. LPD not within region of acceptable operation when the RCSL System is out of service.	B.1	Initiate action to reduce power until LPD is within limits.	Immediately
C. Required Action and associated Completion Time not met.	C.1	Reduce THERMAL POWER to ≤ 10% RTP.	6 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.2.1.1	Verify LPD is within limits specified in the COLR.	12 hours
SR 3.2.1.2	----------NOTE---------- Only required to be met when the RCSL System monitoring of the LPD channel is out of service. With RCSL in service, this parameter is continuously monitored. ---------- Verify LPD, as indicated on the most limiting reading protection system LPD channel, is within its limit.	Within 1 hour AND Once per hour thereafter

3.2 POWER DISTRIBUTION LIMITS

3.2.2 Nuclear Enthalpy Rise Hot Channel Factor ($F^N_{\Delta H}$)

LCO 3.2.2 $F^N_{\Delta H}$ shall be within the limits specified in the COLR.

APPLICABILITY: MODE 1 with THERMAL POWER > 10% RTP.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. $F^N_{\Delta H}$ not within limits.	A.1 Reduce THERMAL POWER by 1% for each 1% that $F^N_{\Delta H}$ exceeds the limits. AND A.2 Restore $F^N_{\Delta H}$ to within limits.	1 hour 4 hours
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 2.	6 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.2.2.1	----------NOTE---------- Not required to be performed until 24 hours after exceeding 40% power. ----------	
	Verify $F^N_{\Delta H}$ is within limits specified in the COLR.	Once after each refueling outage prior to exceeding 70% RTP AND 31 effective full power days thereafter

3.2 POWER DISTRIBUTION LIMITS

3.2.3 Departure From Nucleate Boiling Ratio (DNBR)

LCO 3.2.3 The DNBR shall not exceed the limits specified in the COLR.

APPLICABILITY: MODE 1 with THERMAL POWER > 10% RTP.

ACTIONS

CONDITION	REQUIRED ACTION		COMPLETION TIME
A. DNBR not within limits.	A.1	Restore DNBR to within limits.	1 hour
B. DNBR not within region of acceptable operation when the RCSL System is out of service.	B.1	Initiate action to reduce power until DNBR is within limits.	Immediately
C. Required Action and associated Completion Time not met.	C.1	Reduce THERMAL POWER to ≤ 10% RTP.	6 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.2.3.1	Verify DNBR is within limits specified in the COLR.	12 hours
SR 3.2.3.2	----------NOTE---------- Only required to be met when the RCSL System monitoring of the DNBR channel is out of service. With RCSL in service, this parameter is continuously monitored. ----------	
	Verify DNBR, as indicated on the most limiting reading protection system DNBR channel, is within its limit.	Within 1 hour AND Once per hour thereafter

3.2 POWER DISTRIBUTION LIMITS

3.2.4 AXIAL OFFSET (AO)

LCO 3.2.4 The AO shall not exceed the limits specified in the COLR.

APPLICABILITY: MODE 1 with THERMAL POWER ≥ 50% RTP.

ACTIONS

CONDITION	REQUIRED ACTION		COMPLETION TIME
A. AO not within limits.	A.1	Restore AO to within limits.	1 hour
B. AO not within region of acceptable operation when the RCSL System is out of service.	B.1	Initiate action to reduce power until AO is within limits.	Immediately
C. Required Action and associated Completion Time not met.	C.1	Reduce THERMAL POWER to < 50% RTP.	4 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.2.4.1	Verify AO is within the limits specified in the COLR.	12 hours
SR 3.2.4.2	Determine target AO in conjunction with a full core flux map.	31 effective full power days
SR 3.2.4.3	----------NOTE---------- Only required to be met when the RCSL System monitoring of the AO is out of service. With RCSL in service, this parameter is continuously monitored. ----------	
	Verify AO is within its limit.	Within 1 hour AND Once per hour thereafter

3.2 POWER DISTRIBUTION LIMITS

3.2.5 AZIMUTHAL POWER IMBALANCE (AZI)

LCO 3.2.5 The AZI shall be maintained ≤ AZI_{LIMIT} in the COLR.

APPLICABILITY: MODE 1 with THERMAL POWER ≥ 50% RTP.

ACTIONS

CONDITION	REQUIRED ACTION		COMPLETION TIME
A. AZI not within limit.	A.1	Restore AZI to within limit.	2 hours
B. Required Action and associated Completion Time not met.	B.1	Reduce THERMAL POWER to < 50% RTP.	4 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.2.5.1	Verify AZI is within limit.	12 hours OR 1 hour if the RCSL System is out of service