

### 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. Required Action and associated Completion Time not met.	B.1 Reduce THERMAL POWER to $\leq$ 10% RTP.	6 hours

#### SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.2.1.1 Verify LPD is within limits specified in the COLR.	12 hours

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

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

APPLICABILITY: MODE 1 with THERMAL POWER > 90% RTP.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. $F_{\Delta H}^N$ not within limits.	A.1 Reduce THERMAL POWER by 1% for each 1% that $F_{\Delta H}^N$ exceeds the limits.	1 hour
	<u>AND</u>	
	A.2 Restore $F_{\Delta H}^N$ to within limits.	4 hours
B. Required Action and associated Completion Time not met.	B.1 Reduce THERMAL POWER $\leq$ 90% RTP.	2 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.2.2.1 -----NOTE-----                      Not required to be performed until 24 hours after                      exceeding 90% power.                      -----                      Verify <math>F_{\Delta H}^N</math> is within limits specified in the COLR.</p>	<p>Once after each                      refueling outage                      prior to exceeding                      98% RTP    <u>AND</u>                      15 effective full                      power days                      thereafter</p>

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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. Required Action and associated Completion Time not met.	B.1 Reduce THERMAL POWER to $\leq$ 10% RTP.	6 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.2.3.1 Verify DNBR is within limits specified in the COLR.	12 hours

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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  $\geq$  50% RTP.

ACTIONS

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

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.2.4.1 Verify AO is within the limits specified in the COLR.	12 hours

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3.2.5 AZIMUTHAL POWER IMBALANCE (API)

LCO 3.2.5 The API shall be maintained  $\leq 1.04$ .

APPLICABILITY: MODE 1 with THERMAL POWER  $\geq 50\%$  RTP.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. API not within limit.	A.1 Restore API 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 API is $\leq 1.04$ .	12 hours