

### 3.1 REACTIVITY CONTROL SYSTEMS

#### 3.1.4 Rod Group Alignment Limits.

LCO 3.1.4 All shutdown and control rods shall be OPERABLE.

AND

Individual actual rod positions shall be within 24 steps of their group step counter demand position when the demand position is between 30 and 215 steps, or within 36 steps of their group step counter demand position when the demand position  $\leq 30$  steps, or  $\geq 215$  steps.

-----NOTE-----

Individual RPIs may be outside their limits for  $\leq 1$  hour following substantial rod movement.

APPLICABILITY: MODES 1 and 2.

#### ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more rod(s) inoperable.	A.1.1 Verify SDM is within the limits provided in the COLR.	1 hour
	<u>OR</u>	
	A.1.2 Initiate boration to restore SDM to within limit.	1 hour
	<u>AND</u>	
	A.2 Be in MODE 3.	6 hours

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#### 3.1.7 Rod Position Indication

**LCO 3.1.7** The Rod Position Indication (RPI) System and demand position indication shall be OPERABLE.

-----**NOTE**-----  
Individual RPIs may be outside their limits for  $\leq 1$  hour following substantial rod movement.  
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**APPLICABILITY:** MODES 1 and 2.

#### ACTIONS

-----**NOTE**-----  
Separate Condition entry is allowed for each inoperable rod position indicator and each demand position indicator.  
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CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One RPI per group inoperable for one or more groups.	A.1 Verify the position of the rod(s) with inoperable position indicators by using movable incore detectors.	Once per 8 hours
	<u>OR</u> A.2 Reduce THERMAL POWER to $\leq 50\%$ RTP.	8 hours