

3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.16 RCS Specific Activity

LCO 3.4.16 ~~The specific activity of the reactor coolant shall be within limits.~~
RCS DOSE EQUIVALENT I-131 and DOSE EQUIVALENT XE-133
specific activity shall be within limits.

APPLICABILITY: MODES [1, 2, 3, and 4.] [1 and 2,
MODE 3 with RCS average temperature (T_{avg}) $\geq 500^{\circ}\text{F}.$]

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. DOSE EQUIVALENT I-131 not within limit <u>$> 1.0 \mu\text{Ci/gm}.$</u>	<p>-----NOTE----- LCO 3.0.4.c is applicable. -----</p> <p>A.1 Verify DOSE EQUIVALENT I-131 within the acceptable region of Figure 3.4.16-4 <u>$\leq [60] \mu\text{Ci/gm}.$</u></p> <p><u>AND</u></p> <p>A.2 Restore DOSE EQUIVALENT I-131 to within limit.</p>	<p>Once per 4 hours</p> <p>48 hours</p>
B. Gross specific activity of the reactor coolant not within limit. <u>DOSE EQUIVALENT XE-133 not within limit.</u>	<p>-----NOTE----- LCO 3.0.4.c is applicable. -----</p> <p>B.1 Be in MODE 3 with $T_{avg} < 500^{\circ}\text{F}.$ <u>Restore DOSE EQUIVALENT XE-133 to within limit.</u></p>	<p>648 hours</p>