

Number: SOP-RCIC-OPS	Use Category: CONTINUOUS	Major Rev: 001
Title: Reactor Core Isolation Cooling Operations		Minor Rev: 001 Page: 1 of 27

1.0 STARTUP

NOTE: RCIC isolates at 68 psig.

- 1.1 WHEN Reactor Pressure is greater than 68 psig,
THEN **Preheat RCIC**, Section 2.0
- 1.2 WHEN RCIC has been preheated,
THEN **OPEN** RCIC-V-68 "STEAM EXHAUST TO SUPPRESSION POOL" (P601)
- 1.3 **VERIFY OPEN** RCIC-V-1 "TURBINE TRIP" (P601) at both the control switch and the vertical board.

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2.0 PREHEATING

WARNING

Excessive preheating rates may cause damage to RCIC components.

2.1 **BYPASS** RCIC-RMS-516 "DIVISION 1 ISOLATION SIGNAL SEAL IN" (P601)

2.2 **BYPASS** RCIC-RMS-525 "DIVISION 2 ISOLATION SIGNAL SEAL IN" (P601)

2.3 **OPEN** RCIC-V-8 "RCIC STEAM LINE OUTBOARD ISOLATION" (P601)

NOTE: RCIC-V-76 should be jogged open (very slightly opened) once.

2.4 **THROTTLE OPEN** RCIC-V-76 "RCIC STEAM LINE WARMUP ISOLATION BYPASS" (P601)

2.5 WHEN Annunciator P601-A4 1.B is received,
THEN **OPEN** RCIC-V-54 "STEAM LINE DRIP POT DRAIN" (P601)

2.6 **START** a timer for 10 minutes.

2.7 WHEN 10 minutes have elapsed,
THEN **OPEN** RCIC-V-63 "RCIC STEAM LINE INBOARD ISOLATION" (P601)

2.8 **CLOSE** RCIC-V-76 (P601)

2.1 **UNBYPASS** RCIC-RMS-516 (P601)

2.2 **UNBYPASS** RCIC-RMS-525 (P601)