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LIMITING CONDITIONS FOR OPERATION

3.3 REACTIVITY CONTROL (Continued)

F. Rod Worth Minimizer (RWM)

LCO 3.3.F

The RWM shall be OPERABLE.

APPLICABILITY:

RUN and STARTUP MODES with reactor thermal power \leq 20% RTP.

ACTIONS:

A. RWM inoperable during reactor startup.

- 1 Immediately suspend control rod movement except by scram.

OR

- 2.1.1 Immediately verify \geq 12 rods withdrawn,

OR

- 2.1.2 Immediately verify by administrative methods that startup with RWM inoperable has not been performed in the last calendar year.

AND

- 2.2 Verify movement of control rods is in compliance with BPWS by a second licensed operator or other qualified member of the technical staff during control rod movement.

B. RWM inoperable during reactor shutdown.

- 1 Verify movement of control rods is in accordance with BPWS by a second licensed operator or other qualified member of the technical staff during control rod movement.

SURVEILLANCE REQUIREMENT

4.3 REACTIVITY CONTROL (Continued)

F. Rod Worth Minimizer (RWM)

SR 4.3.F.1

Perform an INSTRUMENT FUNCTIONAL TEST of the RWM prior to control rod withdrawal for startup or insertion to reduce power below 20%.

SR 4.3.F.2

Verify the RWM automatic bypass setpoint to be \geq 20% RTP every 24 months.

SR 4.3.F.3

Verify control rod sequences input to the RWM are in conformance with BPWS prior to declaring RWM OPERABLE following loading of sequence into RWM.

LIMITING CONDITIONS FOR OPERATION

3.14 SPECIAL OPERATIONS (continued)

- B. (Not Used)
- C. (Not Used)
- D. (Not Used)
- E. (Not Used)
- F. (Not Used)

SURVEILLANCE REQUIREMENTS

4.14 SPECIAL OPERATIONS (continued)

- B. (Not Used)
- C. (Not Used)
- D. (Not Used)
- E. (Not Used)
- F. (Not Used)

LIMITING CONDITIONS FOR OPERATION

SURVEILLANCE REQUIREMENTS

3.14 SPECIAL OPERATIONS (continued)

4.14 SPECIAL OPERATIONS (continued)

G. Control Rod Testing - Operating

G. Control Rod Testing - Operating

Specification

The requirements of LCO 3.3.H, "Rod Pattern Control," may be suspended to allow performance of reactivity margin demonstrations, control rod scram time testing, control rod friction testing, and the Startup Test Program, provided:

1. The banked position withdrawal sequence requirements of SR 4.3.F.3 are changed to require the control rod sequence to conform to the specified test sequence,

OR

2. The RWM is bypassed; the requirements of LCO 3.3.F, "Rod Worth Minimizer," are suspended; and conformance to the approved control rod sequence for the specified test is verified by a second licensed operator or other qualified member of the technical staff.

Applicability

Rur: MODE and startup MODE with the requirements of LCO 3.3.H not met.

Actions

Above requirements not met immediately suspend performance of the test and exception to LCO 3.3.H.

1. Prior to control rod movement, verify control rod sequence input to the RWM is in conformance with the approved control rod sequence for the specified test,

OR

2. During control rod movement, verify movement of control rods is in compliance with the approved control rod sequence for the specified test by a second licensed operator or other qualified member of the technical staff.