

ENCLOSURE

Edwin I. Hatch Nuclear Plant - Unit 1  
Request to Revise Technical Specifications:  
Safety Limit Minimum Critical Power Ratios (SLMCPR)

Revised Technical Specifications page 2.0-1 and the corresponding marked-up page.

9709240173 970919  
PDR ADOCK 0500C321  
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## 2.0 SAFETY LIMITS (SLs)

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### 2.1 SLs

#### 2.1.1 Reactor Core SLs

- 2.1.1.1 With the reactor steam dome pressure < 785 psig or core flow < 10% rated core flow:

THERMAL POWER shall be  $\leq$  25% RTP.

- 2.1.1.2 With the reactor steam dome pressure  $\geq$  785 psig and core flow  $\geq$  10% rated core flow:

MCPR shall be  $\geq$  1.10 for two recirculation loop operation or  $\geq$  1.12 for single recirculation loop operation.\*

- 2.1.1.3 Reactor vessel water level shall be greater than the top of active irradiated fuel.

#### 2.1.2 Reactor Coolant System (RCS) Pressure SL

Reactor steam dome pressure shall be  $\leq$  1325 psig.

\* The specified limits are for Cycle 18 only.

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### 2.2 SL Violations

With any SL violation, the following actions shall be completed:

- 2.2.1 Within 1 hour, notify the NRC Operations Center, in accordance with 10 CFR 50.72.

- 2.2.2 Within 2 hours:

2.2.2.1 Restore compliance with all SLs; and

2.2.2.2 Insert all insertable control rods.

- 2.2.3 Within 24 hours, notify the plant manager, the corporate executive responsible for overall plant nuclear safety, and the offsite review committee.

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- 2.1.1.1 With the reactor steam dome pressure < 785 psig or core flow < 10% rated core flow:

THERMAL POWER shall be  $\leq$  25% RTP.

- 2.1.1.2 With the reactor steam dome pressure  $\geq$  785 psig and core flow  $\geq$  10% rated core flow:

MCPR shall be  $\geq$  1.10 for two recirculation loop operation or  $\geq$  1.08 for single recirculation loop operation. \*

- 2.1.1.3 Reactor vessel water level shall be greater than the top of active irradiated fuel.

#### 2.1.2 Reactor Coolant System (RCS) Pressure SL

Reactor steam dome pressure shall be  $\leq$  1325 psig.

\* *The specified limits are for Cycle 1B only.*

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With any SL violation, the following actions shall be completed:

- 2.2.1 Within 1 hour, notify the NRC Operations Center, in accordance with 10 CFR 50.72.

- 2.2.2 Within 2 hours:

2.2.2.1 Restore compliance with all SLs; and

2.2.2.2 Insert all insertable control rods.

- 2.2.3 Within 24 hours, notify the plant manager, the corporate executive responsible for overall plant nuclear safety, and the offsite review committee.

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