

INDEX

SAFETY LIMITS AND LIMITING SAFETY SYSTEM SETTINGS

<u>SECTION</u>	<u>PAGE</u>
<u>2.1 SAFETY LIMITS</u>	
2.1.1 REACTOR CORE	2-1
2.1.1.1 DNBR	2-1
2.1.1.2 PEAK FUEL CENTERLINE TEMPERATURE	2-1
2.1.2 REACTOR COOLANT SYSTEM PRESSURE	2-1

2.2 LIMITING SAFETY SYSTEM SETTINGS

2.2.1 REACTOR TRIP SETPOINTS	2-2
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BASES

<u>SECTION</u>	<u>PAGE</u>
<u>2.1 SAFETY LIMITS</u>	
2.1.1 REACTOR CORE	B 2-1
2.1.2 REACTOR COOLANT SYSTEM PRESSURE	B 2-2
<u>2.2 LIMITING SAFETY SYSTEM SETTINGS</u>	
2.2.1 REACTOR TRIP SETPOINTS	B 2-2

2.0 SAFETY LIMITS AND LIMITING SAFETY SYSTEM SETTINGS

2.1 SAFETY LIMITS

2.1.1 REACTOR CORE

DNBR

2.1.1.1 The DNBR of the reactor core shall be maintained greater than or equal to 1.26.

APPLICABILITY: MODES 1 and 2.

ACTION:

Whenever the DNBR of the reactor has decreased to less than 1.26, be in HOT STANDBY within 1 hour, and comply with the requirements of Specification 6.7.1.

PEAK FUEL CENTERLINE TEMPERATURE

2.1.1.2 The peak fuel centerline temperature shall be maintained less than 5080°F (decreasing by 58°F per 10,000 MWD/MTU for burnup and adjusting for burnable poisons per CENPD-382-P-A.)

APPLICABILITY: MODES 1 and 2.

ACTION:

Whenever the peak fuel centerline temperature has equaled or exceeded 5080°F (decreasing by 58°F per 10,000 MWD/MTU for burnup and adjusting for burnable poisons per CENPD-382-P-A), be in HOT STANDBY within 1 hour, and comply with the requirements of Specification 6.7.1.

REACTOR COOLANT SYSTEM PRESSURE

2.1.2 The Reactor Coolant System pressure shall not exceed 2750 psia.

APPLICABILITY: MODES 1, 2, 3, 4, and 5.

ACTION:

MODES 1 and 2

Whenever the Reactor Coolant System pressure has exceeded 2750 psia, be in HOT STANDBY with the Reactor Coolant System pressure within its limit within 1 hour, and comply with the requirements of Specification 6.7.1.

MODES 3, 4, and 5

Whenever the Reactor Coolant System pressure has exceeded 2750 psia, reduce the Reactor Coolant System pressure to within its limit within 5 minutes, and comply with the requirements of Specification 6.7.1.