ATTACHMENT A

Existing Technical Specifications, Unit 2

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MODERATOR TEMPERATURE COEFFICIENT

LIMITING CONDITION FOR OPERATION

3.1.1.3 The moderator temperature coefficient (MTC) shall be:

a. Less positive than 0.5 x 10^{-4} delta k/k/°F whenever THERMAL POWER is < 70% of RATED THERMAL POWER, or

Less positive than 0.0 delta $k/k/^{\circ}F$ whenever THERMAL POWER is > 70% of RATED THERMAL POWER, and

b. Less negative than -2.5×10^{-4} delta k/k/°F at RATED THERMAL POWER.

APPLICABILITY: MODES 1 and 2*#

ACTION:

With the moderator temperature coefficient outside any one of the above limits, be in at least HOT STANDBY within 6 hours.

SURVEILLANCE REQUIREMENTS

4.1.1.3.1 The MTC shall be determined to be within its limits by confirmatory measurements. MTC measured values shall be extrapolated and/or compensated to permit direct comparison with the above limits.

4.1.1.3.2 The MTC shall be determined at the following frequencies and THERMAL POWER conditions during each fuel cycle:

- a. Prior to initial operation above 5% of RATED THERMAL POWER, after each fuel loading.
- b. At any THERMAL POWER, within 7 EFPD of reaching 40 EFPD core burnup.
- c. At any THERMAL POWER, within 7 EFPD of reaching 2/3 of expected core burnup.

"With K_{eff} greater than or equal to 1.0.

#See Special Test Exception 3.10.2.

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SAN ONOFRE-UNIT 2

AMENDMENT NO. 32

ATTACHMENT B

Proposed Technical Specifications, Unit 2

MODERATOR TEMPERATURE COEFFICIENT

LIMITING CONDITION FOR OPERATION

3.1.1.3 The moderator temperature coefficient (MTC) shall be:

a. Less positive than 0.5 x 10^{-4} delta k/k/°F whenever THERMAL POWER is < 70% of RATED THERMAL POWER, or

Less positive than 0.0 delta $k/k/^{\circ}F$ whenever THERMAL POWER is > 70% of RATED THERMAL POWER, and

b. Less negative than -3.0×10^{-4} delta k/k/°F at RATED THERMAL POWER.

APPLICABILITY: MODES 1 and 2*#

ACTION:

With the moderator temperature coefficient outside any one of the above limits, be in at least HOT STANDBY within 6 hours.

SURVEILLANCE REQUIREMENTS

4.1.1.3.1 The MTC shall be determined to be within its limits by confirmatory measurements. MTC measured values shall be extrapolated and/or compensated to permit direct comparison with the above limits.

4.1.1.3.2 The MTC shall be determined at the following frequencies and THERMAL POWER conditions during each fuel cycle:

- a. Prior to initial operation above 5% of RATED THERMAL POWER, after each fuel loading.
- b. At any THERMAL POWER, within 7 EFPD of reaching 40 EFPD core burnup.
- c. At any THERMAL POWER, within 7 EFPD of reaching 2/3 of expected core burnup.

"With K_{aff} greater than or equal to 1.0.

#See Special Test Exception 3.10.2.

SAN ONOFRE-UNIT 2

3/4 1-4

ATTACHMENT C

Existing Technical Specifications, Unit 3

MODERATOR TEMPERATURE COEFFICIENT

LIMITING CONDITION FOR OPERATION

3.1.1.3 The moderator temperature coefficient (MTC) shall be:

a. Less positive than 0.5 x 10^{-4} delta k/k/°F whenever THERMAL POWER is <70% of RATED THERMAL POWER, or less positive than 0.0 delta k/k/°F whenever THERMAL POWER is > 70% of RATED THERMAL POWER, and

b. Less negative than -2.5 x 10^{-4} delta k/k/°F at RATED THERMAL POWER.

APPLICABILITY: MODES 1 and 2*#

ACTION:

With the moderator temperature coefficient outside any one of the above limits, be in at least HOT STANDBY within 6 hours.

SURVEILLANCE REQUIREMENTS

4.1.1.3.1 The MTC shall be determined to be within its limits by confirmatory measurements. MTC measured values shall be extrapolated and/or compensated to permit direct comparison with the above limits.

4.1.1.3.2 The MTC shall be determined at the following frequencies and THERMAL POWER conditions during each fuel cycle:

- a. Prior to initial operation above 5% of RATED THERMAL POWER, after each fuel loading.
- b. At any THERMAL POWER, within 7 EFPD of reaching 40 EFPD core burnup.
- c. At any THERMAL POWER, within 7 EFPD of reaching 2/3 of expected core burnup.

"With K_{ee} greater than or equal to 1.0.

#See Special Test Exception 3.10.2.

SAN ONOFRE-UNIT 3

3/4 1-4

AMENDMENT NO. 21

ATTACHMENT D

Proposed Technical Specifications, Unit 3

MODERATOR TEMPERATURE COEFFICIENT

LIMITING CONDITION FOR OPERATION

3.1.1.3 The moderator temperature coefficient (MTC) shall be:

a. Less positive than 0.5×10^{-4} delta k/k/°F whenever THERMAL POWER is < 70% of RATED THERMAL POWER, or less positive than 0.0 delta k/k/°F whenever THERMAL POWER is > 70% of RATED THERMAL POWER, and

b. Less negative than -3.0×10^{-4} delta k/k/°F at RATED THERMAL POWER.

APPLICABILITY: MODES 1 and 2*#

ACTION:

With the moderator temperature coefficient outside any one of the above limits, be in at least HOT STANDBY within 6 hours.

SURVEILLANCE REQUIREMENTS

4.1.1.3.1 The MTC shall be determined to be within its limits by confirmatory measurements. MTC measured values shall be extrapolated and/or compensated to permit direct comparison with the above limits.

4.1.1.3.2 The MTC shall be determined at the following frequencies and THERMAL POWER conditions during each fuel cycle:

- a. Prior to initial operation above 5% of RATED THERMAL POWER, after each fuel loading.
- b. At any THERMAL POWER, within 7 EFPD of reaching 40 EFPD core burnup.
- c. At any THERMAL POWER, within 7 EFPD of reaching 2/3 of expected core burnup.

"With K_{add} greater than or equal to 1.0.

#See Special Test Exception 3.10.2.

SAN ONOFRE-UNIT 3

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