



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

ATTACHMENT TO LICENSE AMENDMENT NO. 189

TO FACILITY COMBINED LICENSE NO. NPF-92

DOCKET NO. 52-026

Replace the following pages of the Facility Combined License No. NPF-92 with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Facility Combined License No. NPF-92

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Appendix A to Facility Combined License No. NPF-92

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(7) Reporting Requirements

- (a) Within 30 days of a change to the initial test program described in UFSAR Section 14, Initial Test Program, made in accordance with 10 CFR 50.59 or in accordance with 10 CFR Part 52, Appendix D, Section VIII, "Processes for Changes and Departures," SNC shall report the change to the Director of NRO, or the Director's designee, in accordance with 10 CFR 50.59(d).
- (b) SNC shall report any violation of a requirement in Section 2.D.(3), Section 2.D.(4), Section 2.D.(5), and Section 2.D.(6) of this license within 24 hours. Initial notification shall be made to the NRC Operations Center in accordance with 10 CFR 50.72, with written follow up in accordance with 10 CFR 50.73.

(8) Incorporation

The Technical Specifications, Environmental Protection Plan, and ITAAC in Appendices A, B, and C, respectively of this license, as revised through Amendment No. 189, are hereby incorporated into this license.

(9) Technical Specifications

The technical specifications in Appendix A to this license become effective upon a Commission finding that the acceptance criteria in this license (ITAAC) are met in accordance with 10 CFR 52.103(g) with the following exceptions:

- (a) Prior to initial criticality of the reactor core while operating in plant operational Mode 5 (Cold Shutdown) or Mode 6 (Refueling) the following TS are temporarily excluded from becoming effective:
  - TS 3.3.8, "Engineered Safety Feature Actuation System (ESFAS) Instrumentation," Table 3.3.8-1
    - Function 14, RCS Wide Range Pressure – Low
    - Function 15, Core Makeup Tank (CMT) Level – Low 3
    - Function 16, CMT Level – Low 6
    - Function 18, IRWST Lower Narrow Range Level – Low 3
  - TS 3.3.9, "Engineered Safety Feature Actuation System (ESFAS) Manual Initiation," Table 3.3.9-1
    - Function 1, Safeguards Actuation - Manual Initiation
    - Function 6, ADS Stages 1, 2 & 3 Actuation – Manual Initiation
    - Function 7, ADS Stage 4 Actuation – Manual Initiation
    - Function 8, Passive Containment Cooling Actuation – Manual Initiation
    - Function 9, Passive Residual Heat Removal Heat Exchanger Actuation – Manual Initiation

- Function 12, In-Containment Refueling Water Storage Tank (IRWST) Injection Line Valve Actuation – Manual Initiation
- Function 13, IRWST Containment Recirculation Valve Actuation – Manual Initiation
- TS 3.3.10, “Engineered Safety Feature Actuation System (ESFAS) Reactor Coolant System (RCS) Hot Leg Level Instrumentation”
- TS 3.3.14, “Engineered Safety Feature Actuation System (ESFAS) In-containment Refueling Water Storage Tank (IRWST) and Spent Fuel Pool Level Instrumentation,” Table 3.3.14-1
  - Function 1, Spent Fuel Pool Level – Low 2
- TS 3.3.19, “Diverse Actuation System (DAS) Manual Controls,” Table 3.3.19-1
  - Function 2, Passive Residual Heat Removal Heat Exchanger (PRHR HX) control and In-Containment Refueling Water Storage Tank (IRWST) gutter control valves
  - Function 4, Automatic Depressurization System (ADS) stage 1 valves
  - Function 5, ADS stage 2 valves
  - Function 6, ADS stage 3 valves
  - Function 7, ADS stage 4 valves
  - Function 8, IRWST injection squib valves
  - Function 9, Containment recirculation valves
  - Function 10, Passive containment cooling drain valves
  - Function 11, Selected containment isolation valves
- TS 3.3.20, “Automatic Depressurization System (ADS) and In-containment Refueling Water Storage Tank (IRWST) Injection Blocking Device,” Table 3.3.20-1
  - Function 2, ADS and IRWST Injection Block Switches for Manual Unblocking
- TS 3.4.12, “Automatic Depressurization System (ADS) – Shutdown, RCS Intact”
- TS 3.4.13, “Automatic Depressurization System (ADS) – Shutdown, RCS Open”
- TS 3.5.5, “Passive Residual Heat Removal Heat Exchanger (PRHR HX) – Shutdown, Reactor Coolant System (RCS) Intact”
- TS 3.5.7, “In-containment Refueling Water Storage Tank (IRWST) – Shutdown, MODE 5”
- TS 3.5.8, “In-containment Refueling Water Storage Tank (IRWST) – Shutdown, MODE 6”
- TS 3.6.7, “Containment Penetrations”
- TS 3.7.13, “Spent Fuel Pool Cooling System (SFS) Containment Isolation Valves”

- (b) Prior to initial criticality of the reactor core while operating in plant operational Mode 4 (Safe Shutdown) when any cold leg temperature is  $\leq 275^{\circ}\text{F}$  the following TS are temporarily excluded from becoming effective:
- TS 3.3.8, “Engineered Safety Feature Actuation System (ESFAS) Instrumentation,” Table 3.3.8-1
    - Function 14, RCS Wide Range Pressure – Low
    - Function 15, Core Makeup Tank (CMT) Level – Low 3
    - Function 16, CMT Level – Low 6
    - Function 18, IRWST Lower Narrow Range Level – Low 3
    - Function 19, Reactor Coolant Pump Bearing Water Temperature – High 2
  - TS 3.3.9, “Engineered Safety Feature Actuation System (ESFAS) Manual Initiation,” Table 3.3.9-1
    - Function 3, Containment Isolation – Manual Initiation
    - Function 6, ADS Stages 1, 2 & 3 Actuation – Manual Initiation
    - Function 7, ADS Stage 4 Actuation – Manual Initiation
    - Function 8, Passive Containment Cooling Actuation – Manual Initiation
    - Function 12, In-Containment Refueling Water Storage Tank (IRWST) Injection Line Valve Actuation – Manual Initiation
    - Function 13, IRWST Containment Recirculation Valve Actuation – Manual Initiation
  - TS 3.3.13, “Engineered Safety Feature Actuation System (ESFAS) Main Control Room Isolation, Air Supply Initiation, and Electrical Load De-energization,” Table 3.3.13-1
    - Function 1, Main Control Room Air Supply Iodine or Particulate Radiation – High 2
  - TS 3.3.19, “Diverse Actuation System (DAS) Manual Controls,” Table 3.3.19-1
    - Function 4, Automatic Depressurization System (ADS) stage 1 valves
    - Function 5, ADS stage 2 valves
    - Function 6, ADS stage 3 valves
    - Function 7, ADS stage 4 valves
    - Function 8, IRWST injection squib valves
    - Function 9, Containment recirculation valves
    - Function 10, Passive containment cooling drain valves
    - Function 11, Selected containment isolation valves

- TS 3.3.20, “Automatic Depressurization System (ADS) and In-containment Refueling Water Storage Tank (IRWST) Injection Blocking Device,” Table 3.3.20-1
    - Function 2, ADS and IRWST Injection Block Switches for Manual Unblocking
  - TS 3.4.11, “Automatic Depressurization System (ADS) – Operating”
  - TS 3.5.1, “Accumulators”
  - TS 3.5.6, “In-containment Refueling Water Storage Tank (IRWST) – Operating”
  - TS 3.6.1, “Containment”
  - TS 3.6.2, “Containment Air Locks”
  - TS 3.6.3, “Containment Isolation Valves”
  - TS 3.6.6, “Passive Containment Cooling System (PCS)”
  - TS 3.6.8, “pH Adjustment”
  - TS 3.7.4, “Secondary Specific Activity”
  - TS 3.7.10, “Steam Generator (SG) Isolation Valves” only for PORV and PORV block valves (SG blowdown isolation valve not excluded)
- (c) Prior to initial criticality of the reactor core while operating in plant operational Mode 4 (Safe Shutdown) with all four cold leg temperatures > 275°F the following TS are temporarily excluded from becoming effective:
- TS 3.3.8, “Engineered Safety Feature Actuation System (ESFAS) Instrumentation,” Table 3.3.8-1
    - Function 3, Containment Radioactivity – High
    - Function 18, IRWST Lower Narrow Range Level – Low 3
    - Function 19, Reactor Coolant Pump Bearing Water Temperature – High 2
  - TS 3.3.9, “Engineered Safety Feature Actuation System (ESFAS) Manual Initiation,” Table 3.3.9-1
    - Function 3, Containment Isolation – Manual Initiation
    - Function 6, ADS Stages 1, 2 & 3 Actuation – Manual Initiation
    - Function 7, ADS Stage 4 Actuation – Manual Initiation
    - Function 8, Passive Containment Cooling Actuation – Manual Initiation
    - Function 13, IRWST Containment Recirculation Valve Actuation – Manual Initiation
    - Function 14, SG Power Operated Relief Valve and Block Valve Isolation – Manual Initiation

- TS 3.3.13, “Engineered Safety Feature Actuation System (ESFAS) Main Control Room Isolation, Air Supply Initiation, and Electrical Load De-energization,” Table 3.3.13-1
  - Function 1, Main Control Room Air Supply Iodine or Particulate Radiation – High 2
- TS 3.3.19, “Diverse Actuation System (DAS) Manual Controls,” Table 3.3.19-1
  - Function 4, Automatic Depressurization System (ADS) stage 1 valves
  - Function 5, ADS stage 2 valves
  - Function 6, ADS stage 3 valves
  - Function 7, ADS stage 4 valves
  - Function 9, Containment recirculation valves
  - Function 10, Passive containment cooling drain valves
  - Function 11, Selected containment isolation valves
- TS 3.4.11, “Automatic Depressurization System (ADS) – Operating”
- TS 3.5.1, “Accumulators”
- TS 3.5.6, “In-containment Refueling Water Storage Tank (IRWST) – Operating” only for containment recirculation flow paths (injection flow paths not excluded)
- TS 3.6.1, “Containment”
- TS 3.6.2, “Containment Air Locks”
- TS 3.6.3, “Containment Isolation Valves”
- TS 3.6.6, “Passive Containment Cooling System (PCS)”
- TS 3.6.8, “pH Adjustment”
- TS 3.7.4, “Secondary Specific Activity”
- TS 3.7.10, “Steam Generator (SG) Isolation Valves” only for PORV and PORV block valves (SG blowdown isolation valve not excluded)

(10) Operational Program Implementation

SNC shall implement the programs or portions of programs identified below, on or before the date SNC achieves the following milestones:

- (a) Environmental Qualification Program implemented before initial fuel load;
- (b) Reactor Vessel Material Surveillance Program implemented before initial criticality;
- (c) Preservice Testing Program implemented before initial fuel load;
- (d) Containment Leakage Rate Testing Program implemented before initial fuel load;
- (e) Fire Protection Program
  - 1. The fire protection measures in accordance with Regulatory Guide (RG) 1.189 for designated storage building areas (including adjacent fire areas that could affect the storage area) implemented before initial receipt

3.0 LCO Applicability

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LCO 3.0.5            Equipment removed from service or declared inoperable to comply with ACTIONS may be returned to service under administrative control solely to perform testing required to demonstrate its OPERABILITY or the OPERABILITY of other equipment. This is an exception to LCO 3.0.2 for the system returned to service under administrative control to perform the test required to demonstrate OPERABILITY.

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LCO 3.0.6            When a supported system LCO is not met solely due to a support system LCO not being met, the Conditions and Required Actions associated with this supported system are not required to be entered. Only the support system LCO ACTIONS are required to be entered. This is an exception to LCO 3.0.2 for the supported system. In this event, additional evaluations and limitations may be required in accordance with Specification 5.5.7, “Safety Function Determination Program (SFDP).” If a loss of safety function is determined to exist by this program, the appropriate Conditions and Required Actions of the LCO in which the loss of safety function exists are required to be entered.

When a support system’s Required Action directs a supported system to be declared inoperable or directs entry into Conditions and Required Actions for a supported system, the applicable Conditions and Required Actions shall be entered in accordance with LCO 3.0.2.

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LCO 3.0.7            Test Exception LCOs 3.1.8 and 3.1.10 allow specified Technical Specification (TS) requirements to be changed to permit performance of special tests and operations. Unless otherwise specified, all other TS requirements remain unchanged. Compliance with Test Exception LCOs is optional. When a Test Exception LCO is desired to be met but is not met, the ACTIONS of the Test Exception LCO shall be met. When a Test Exception LCO is not desired to be met, entry into a MODE or other specified condition in the Applicability shall be made in accordance with the other applicable Specifications.

Additionally, for Unit 4 only, Combined License Condition 2.D(9) provides temporary exclusions for specified TS requirements prior to becoming permanently effective at initial criticality of the reactor core. Compliance with TS requirements that are excluded from becoming effective while operating in MODES 4, 5, and 6 in accordance with the COL Condition is optional.

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