

ATTACHMENT TO LICENSE AMENDMENT NO. 91

TO FACILITY COMBINED LICENSE NO. NPF-91

DOCKET NO. 52-025

Replace the following pages of the Facility Combined License No. NPF-91 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-91

REMOVE

7

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7

Appendix A to Facility Combined License Nos. NPF-91 and NPF-92

REMOVE

ii

INSERT

ii

3.3.20-1

3.3.20-2

3.3.20-3

Appendix C to Facility Combined License No. NPF-91

REMOVE

C-296

C-297

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(7) Reporting Requirements

- (a) Within 30 days of a change to the initial test program described in FSAR 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. 91, 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).

(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

Technical Specifications

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3.3 INSTRUMENTATION

3.3.20 Automatic Depressurization System (ADS) and In-containment Refueling Water Storage Tank (IRWST) Injection Blocking Device

LCO 3.3.20 Four divisions of ADS and IRWST Injection Blocking Device channels for each Function in Table 3.3.20-1 shall be OPERABLE.

APPLICABILITY: According to Table 3.3.20-1.

ACTIONS

- NOTE -

Separate condition entry is allowed for each Division.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more divisions inoperable.	A.1 Unblock component interface module (CIM) in the affected division.	8 hours
B. Required Action and associated Completion Time not met.	B.1 Declare affected ADS and IRWST valves inoperable.	Immediately

SURVEILLANCE REQUIREMENTS

- NOTE -

Refer to Table 3.3.20-1 to determine which SRs apply for each ADS and IRWST Injection Blocking Device Function.

SURVEILLANCE		FREQUENCY
SR 3.3.20.1	Perform CHANNEL CHECK.	12 hours
SR 3.3.20.2	Verify each ADS and IRWST Injection Block switch is in the “unblock” position.	7 days
SR 3.3.20.3	Perform CHANNEL OPERATIONAL TEST (COT) in accordance with Setpoint Program.	92 days
SR 3.3.20.4	Perform CHANNEL CALIBRATION in accordance with Setpoint Program.	24 months
SR 3.3.20.5	Perform ACTUATION LOGIC TEST of ADS and IRWST Injection Blocking Devices.	24 months
SR 3.3.20.6	<p>-----</p> <p style="text-align: center;">- NOTE -</p> <p>Verification of setpoint not required.</p> <p>-----</p> <p>Perform TRIP ACTUATING DEVICE OPERATIONAL TEST (TADOT) of ADS and IRWST Injection Block manual switches.</p>	24 months
SR 3.3.20.7	<p>The following SRs of Specification 3.5.2, “Core Makeup Tanks (CMTs) – Operating” are applicable for each CMT:</p> <p>SR 3.5.2.3 SR 3.5.2.6 SR 3.5.2.7</p>	In accordance with applicable SRs

Table 3.3.20-1 (page 1 of 1)
ADS and IRWST Injection Blocking Device

FUNCTION	APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS	REQUIRED CHANNELS PER DIVISION	SURVEILLANCE REQUIREMENTS
1. Core Makeup Tank Level for Automatic Unblocking ^(a)	1,2,3,4 ^(b)	2	SR 3.3.20.1 SR 3.3.20.3 SR 3.3.20.4 SR 3.3.20.5 SR 3.3.20.7
2. ADS and IRWST Injection Block Switches for Manual Unblocking	1,2,3,4 ^(b)	1	SR 3.3.20.5 SR 3.3.20.6
	4 ^(c) ,5,6	1	SR 3.3.20.2 SR 3.3.20.5 SR 3.3.20.6

- (a) Not required to be OPERABLE with associated divisional ADS and IRWST Injection Block switch in the “unblock” position.
- (b) With the Reactor Coolant System (RCS) not being cooled by the Normal Residual Heat Removal System (RNS).
- (c) With the RCS being cooled by the RNS.

**Table 2.5.2-5 (cont.)
Minimum Inventory of Displays, Alerts, and Fixed Position Controls in the MCR**

Description	Control	Display	Alert ⁽¹⁾
Passive Containment Cooling System (PCS) Storage Tank Water Level	-	Yes	No
PCS Cooling Flow	-	Yes	No
IRWST to Normal Residual Heat Removal System (RNS) Suction Valve Status ⁽²⁾	-	Yes	Yes
Remotely Operated Containment Isolation Valve Status ⁽²⁾	-	Yes	No
Containment Area High-range Radiation Level	-	Yes	Yes
Containment Pressure (Extended Range)	-	Yes	No
CMT Level	-	Yes	No
Manual Reactor Trip (also initiates turbine trip)	Yes	-	-
Manual Safeguards Actuation	Yes	-	-
Manual CMT Actuation	Yes	-	-
Manual MCR Emergency Habitability System Actuation	Yes	-	-
Manual ADS Stages 1, 2, and 3 Actuation	Yes	-	-
Manual ADS Stage 4 Actuation	Yes	-	-
Manual PRHR Actuation	Yes	-	-
Manual Containment Cooling Actuation	Yes	-	-
Manual IRWST Injection Actuation	Yes	-	-
Manual Containment Recirculation Actuation	Yes	-	-
Manual Containment Isolation	Yes	-	-
Manual Main Steam Line Isolation	Yes	-	-
Manual Feedwater Isolation	Yes	-	-
Manual Containment Vacuum Relief	Yes		
Manual ADS and IRWST Injection Unblock	Yes	-	-

Note: Dash (-) indicates not applicable.

2. These instruments are not required after 24 hours.

**Table 2.5.2-6
PMS Blocks**

Reactor Trip Functions:
 Source Range High Neutron Flux Reactor Trip
 Intermediate Range High Neutron Flux Reactor Trip
 Power Range High Neutron Flux (Low Setpoint) Trip
 Pressurizer Low-2 Pressure Trip
 Pressurizer High-3 Water Level Trip
 Low-2 Reactor Coolant Flow Trip
 Low-2 Reactor Coolant Pump Speed Trip
 High-3 Steam Generator Water Level Trip

Engineered Safety Features:
 ADS and IRWST Injection Actuation
 Automatic Safeguards
 Containment Isolation
 Main Feedwater Isolation
 Reactor Coolant Pump Trip
 Core Makeup Tank Injection
 Steam Line Isolation
 Startup Feedwater Isolation
 Block of Boron Dilution
 Chemical and Volume Control System Isolation
 Chemical and Volume Control System Letdown Isolation
 Steam Dump Block
 Auxiliary Spray and Letdown Purification Line Isolation
 Passive Residual Heat Removal Heat Exchanger Alignment
 Normal Residual Heat Removal System Isolation

**Table 2.5.2-7
PMS Interlocks**

RNS Suction Valves
 PRHR Heat Exchanger Inlet Isolation Valve
 CMT Cold Leg Balance Line Isolation Valves
 Containment Vacuum Relief Isolation Valves

Table 2.5.2-8
 Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Design Commitment	Inspections, Tests, Analyses	Acceptance Criteria
521	2.5.02.01	Not used per Amendment No. 85		