

ATTACHMENT TO LICENSE AMENDMENT NO. 73

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

REMOVE

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Appendix C 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 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. 73, 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

C.3.8.2 Piping Design

Table C.3.8 2 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Design Commitment	Inspections, Tests, Analyses	Acceptance Criteria
843	C.3.8.02.01	The American Society of Mechanical Engineers (ASME) Code, Section III piping is designed in accordance with the ASME Code, Section III requirements.	Inspection of the ASME Code Design Reports (NCA-3550) and required documents will be conducted for the set of lines chosen to demonstrate compliance.	The ASME Code Design Report(s) (NCA-3550) (certified, when required by the ASME Code) exist and conclude that the design of the piping for lines chosen to demonstrate all aspects of the piping design complies with the requirements of the ASME Code section.

E.3.8.5.1.1 Waterproof Membrane

Table E.3.8.5.1-1 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Design Commitment	Inspections, Tests, Analyses	Acceptance Criteria
844	E.3.8.05.01.01	The friction coefficient to resist sliding is 0.7 or higher	Testing will be performed to confirm that the mudmat-waterproofing-mudmat interface beneath the Nuclear Island basemat has a minimum coefficient of friction to resist sliding of 0.7	A report exists and documents that the as-built waterproof system (mudmat-waterproofing-mudmat interface) has a minimum coefficient of friction of 0.7 as demonstrated through material qualification testing.

E.3.9 Emergency Planning ITAAC

E.3.9.1 Emergency Classification System

Table E.3.9-1 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
845	E.3.9.01.01.01	1.1 An emergency classification and emergency action level (EAL) scheme must be established by the licensee. The specific instruments, parameters, or equipment status shall be shown for establishing	1.1.1 An inspection of the control room will be performed to verify that the displays for retrieving system and effluent parameters specified in the Southern Nuclear Operating Company Standard Emergency	1.1.1 The parameters specified in UFSAR Table 7.5-1, <i>Post-Accident Monitoring System</i> , are retrievable in the control room. The ranges of values of these parameters that can be

Table E.3.9-1 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
		each emergency class, in the in-plant emergency procedures. The plan shall identify the parameter values and equipment status for each emergency class. [D.1]	Plan VEGP Units 3 and 4 Annex, Appendix B, <i>Emergency Action Level (EAL) Scheme</i> , are installed and perform their intended functions.	displayed encompass the values specified in the emergency classification and EAL scheme
846	Not used			

E.3.9.2 Not used

E.3.9.3 Emergency Communications

Table E.3.9-3 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
847	E.3.9.03.00.01	3.1 The means exists for communications between the control room, OSC, TSC, and EOF. [F.1.d]	3.1 A test will be performed of the communications capabilities between the control room, OSC, TSC and EOF, and to the State and local EOCs.	3.1 Communications are established between the control room, OSC, TSC, and EOF. Communications are established between the control room, TSC, and Georgia Emergency Management Agency (GEMA) Operation Center; Burke County Emergency Operation Center (EOC); Savannah River Site (SRS) Operations Center; South Carolina Warning Point; and Aiken, Allendale, and Barnwell County Dispatchers.
848	E.3.9.03.00.02	3.2 The means exists for communications from the control	3.2 A test will be performed of the communications capabilities	3.2 Communications are established from the control

Table E.3.9-5 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
		(EOF). [H.2]	test of the capabilities.	<i>Post-Accident Monitoring System</i> , can be retrieved and displayed in the EOF.

E.3.9.6 Accident Assessment

Table E.3.9-6 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
859	E.3.9.06.00.01	6.1 The means exists to provide initial and continuing radiological assessment throughout the course of an accident. [I.2]	6.1 A test of the emergency plan will be conducted by performing a drill to verify the capability to perform accident assessment.	6.1 Using selected monitoring parameters listed in UFSAR Table 7.5-1, <i>Post-Accident Monitoring System</i> , simulated degraded plant conditions are assessed and protective actions are initiated in accordance with the following criteria: <i>A. Accident Assessment and Classification</i> 1. Demonstrate the ability to identify initiating conditions, determine emergency action level (EAL) parameters, and correctly classify the emergency throughout the drill. <i>B. Radiological Assessment and Control</i> 1. Demonstrate the ability to obtain onsite radiological surveys and samples. 2. Demonstrate the ability to continuously monitor and control radiation exposure to emergency workers. 3. Demonstrate the ability to assemble and deploy field monitoring teams. 4. Demonstrate the ability to satisfactorily collect and disseminate field team data. 5. Demonstrate the ability to

E.3.9.8 Exercises and Drills

Table E.3.9-8 Inspections, Tests, Analyses, and Acceptance Criteria				
No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
870	E.3.9.08.01.01	8.1 The licensee conducts a limited participation exercise to evaluate portions of emergency response capabilities, which includes participation by each State and local agency within the plume exposure EPZ that have not been tested in a previous exercise. [N.1]	8.1 A limited participation exercise (test) will be conducted within the specified time periods of 10 CFR Part 50, Appendix E.	<p>8.1.1 The exercise is completed within the specified time periods of Appendix E to 10 CFR Part 50, onsite exercise objectives listed below have been met and there are no uncorrected onsite exercise deficiencies.</p> <p><i>A. Accident Assessment and Classification</i></p> <p>1. Demonstrate the ability to identify initiating conditions, determine emergency action level (EAL) parameters, and correctly classify the emergency throughout the exercise</p> <p>Standard Criteria:</p> <p>a. Determine the correct highest emergency classification level based on events which were in progress, considering past events and their impact on the current conditions, within 15 minutes from the time the initiating condition(s) or EAL is identified.</p> <p><i>B. Notifications</i></p> <p>1. Demonstrate the ability to alert, notify, and mobilize site emergency response personnel.</p> <p>Standard Criteria:</p> <p>a. Perform the announcement within 10 minutes of the initial event classification for an Alert or higher.</p> <p>b. Activate the emergency recall system within 10 minutes of the initial event classification for an Alert or</p>

Table E.3.9-8
Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
				<p>higher.</p> <p>2. Demonstrate the ability to notify responsible State and local government agencies within 15 minutes and notify the NRC immediately after the completion of the notification to the State and local authorities and no later than 60 minutes after declaring an emergency.</p> <p>Standard Criteria:</p> <p>a. Transmit information in accordance with approved emergency implementing procedures (EIPs), within 15 minutes of event classification.</p> <p>b. Transmit information in accordance with approved EIPs, within 60 minutes of last transmittal for a follow-up notification to State and local authorities.</p> <p>c. Transmit information immediately after the completion of the notification to the State and local authorities and no later than 60 minutes of event classification for an initial notification of the NRC.</p> <p>3. Demonstrate the ability to warn or advise onsite individuals of emergency conditions.</p> <p>Standard Criteria:</p> <p>a. Demonstrate the ability to notify onsite individuals (via plant page or telephone) in accordance with Emergency Plan Implementing Procedures.</p>

Table E.3.9-8
Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
				<p><i>C. Emergency Response</i></p> <p>1. Demonstrate the capability to direct and control emergency operations. Standard Criteria: a. Command and control is demonstrated by the control room in the early phase of the emergency and by the technical support center (TSC) and the emergency operations facility (EOF) within 75 minutes following the declaration of an Alert or higher classification.</p> <p>2. Demonstrate the ability to transfer emergency direction from the control room (simulator) to the TSC and EOF. Standard Criteria: a. Briefings were conducted prior to turnover responsibility.</p> <p>3. Demonstrate the ability to prepare for around-the-clock staffing requirements. Standard Criteria: a. Complete 24-hour staff assignments.</p> <p>4. Demonstrate the ability to perform assembly and accountability for all individuals located within the protected area within 30 minutes of an emergency requiring protected area assembly and accountability. Standard Criteria: a. Protected area personnel assembly and accountability completed within 30 minutes of the Site Area Emergency or higher emergency declaration via public address</p>

Table E.3.9-8
Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
				<p>announcement.</p> <p><i>D. Emergency Response Facilities</i></p> <p>1. Demonstrate timely activation of the operational support center (OSC).</p> <p>Standard Criteria:</p> <p>a. The OSC is activated within 75 minutes following declaration of an Alert or higher classification.</p> <p>2. Demonstrate the adequacy of equipment, security provisions, and habitability precautions for the OSC, as appropriate.</p> <p>Standard Criteria:</p> <p>a. Demonstrate the adequacy of the emergency equipment in the emergency response facilities, including availability and general consistency with emergency implementing procedures (EIPs).</p> <p>b. The Security Shift Captain implements and follows applicable EIPs.</p> <p>c. The Radiation Protection Supervisor (TSC) implements the designated checklist if an onsite or offsite release has occurred.</p> <p>3. Demonstrate the adequacy of communications for all emergency support resources.</p> <p>Standard Criteria:</p> <p>a. Emergency response communications listed in emergency implementing procedures (EIPs) are available and operational.</p> <p>b. Communications systems are tested in accordance with OSC activation checklist.</p>

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Inspections, Tests, Analyses, and Acceptance Criteria

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				<p>c. Emergency response facility personnel are able to operate all specified communication systems.</p> <p>d. Clear primary and backup communications links are established and maintained for the duration of the exercise.</p> <p><i>E. Radiological Assessment and Control</i></p> <p>1. Demonstrate the ability to obtain onsite radiological surveys and samples.</p> <p>Standard Criteria:</p> <p>a. RP Technicians demonstrate the ability to obtain appropriate instruments (range and type) and take surveys.</p> <p>b. Airborne samples are taken when the conditions indicate the need for the information.</p> <p>2. Demonstrate the ability to continuously monitor and control radiation exposure to emergency workers.</p> <p>Standard Criteria:</p> <p>a. Emergency workers are issued self-reading dosimeters when radiation levels require, and exposures are controlled to 10 CFR Part 20 limits (unless the Emergency Director authorizes emergency limits).</p> <p>b. Exposure records are available, either from the ALARA computer or a hard copy dose report.</p> <p>c. Emergency workers include Security and personnel within all emergency facilities.</p> <p>3. Demonstrate the ability to assemble and deploy field monitoring teams.</p>

Table E.3.9-8
Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
				<p>Standard Criteria:</p> <p>a. Field monitoring teams are briefed, obtain equipment, and are dispatched in accordance with EIPs.</p> <p>4. Demonstrate the ability to satisfactorily collect and disseminate field team data.</p> <p>Standard Criteria:</p> <p>a. Field team data to be collected is dose rate or counts per minute (cpm) from the plume, both open and closed window, and air sample (gross/net cpm) for particulate and iodine, if applicable.</p> <p>b. Satisfactory data dissemination is from the field team to the Dose Assessment Supervisor, via the field team communicator and field team coordinator.</p> <p>5. Demonstrate the ability to develop dose projections.</p> <p>Standard Criteria:</p> <p>a. Personnel with dose assessment expertise on-shift and in the EOF perform timely and accurate dose projections, in accordance with emergency implementing procedures (EIPs).</p> <p>6. Demonstrate the ability to develop appropriate protective action recommendations (PARs) and notify appropriate authorities within 15 minutes of development.</p> <p>Standard Criteria:</p> <p>a. Total effective dose equivalent (TEDE) and CDE dose projections from the dose assessment computer code are compared to emergency implementing procedures (EIPs).</p>

Table E.3.9-8
Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
				b. PARs are developed within 15 minutes of data availability. c. PARs are transmitted to responsible State and local government agencies via voice or fax within 15 minutes of PAR development.

Table E.3.9-8
Inspections, Tests, Analyses, and Acceptance Criteria

No.	ITAAC No.	Program Commitment	Inspections, Tests, Analyses	Acceptance Criteria
871	E.3.9.08.01.02	8.1 The licensee conducts a limited participation exercise to evaluate portions of emergency response capabilities, which includes participation by each State and local agency within the plume exposure EPZ that have not been tested in a previous exercise. [N.1]	8.1 A limited participation exercise (test) will be conducted within the specified time periods of 10 CFR Part 50, Appendix E.	8.1.2 Onsite emergency response personnel are mobilized in sufficient number to fill the emergency positions identified in SNC Standard Emergency Plan, Section B, <i>Emergency Response Organization</i> , and Vogtle (Units 3 & 4) Standard Emergency Plan Annex, Section 2, <i>Organizational Control of Emergencies</i> , and they successfully perform their assigned responsibilities as outlined in Acceptance Criterion 8.1.1.D, <i>Emergency Response Facilities</i> .
872	E.3.9.08.01.03	8.1 The licensee conducts a limited participation exercise to evaluate portions of emergency response capabilities, which includes participation by each State and local agency within the plume exposure EPZ that have not been tested in a previous exercise. [N.1]	8.1 A limited participation exercise (test) will be conducted within the specified time periods of 10 CFR Part 50, Appendix E.	8.1.3 The exercise is completed within the specified time periods of Appendix E to 10 CFR Part 50, offsite exercise objectives have been met, and there are either no uncorrected offsite deficiencies, or a license condition requires offsite deficiencies to be corrected prior to operation above 5% of rated power.