



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

May 04, 2021

Ms. Kim Maza
Site Vice President
Shearon Harris Nuclear Power Plant
Mail Code NHP01
5413 Shearon Harris Road
New Hill, NC 27562-9300

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 - CORRECTION TO AMENDMENT NO. 184 REGARDING TECHNICAL SPECIFICATIONS TASK FORCE (TSTF) TRAVELER TSTF-505, REVISION 2, "PROVIDE RISK INFORMED EXTENDED COMPLETION TIMES – RITSTF INITIATIVE 4B" (EPID L-2019-LLA-0218)

Dear Ms. Maza:

On April 2, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21047A314), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment No. 184 to Renewed Facility Operating License No. NPF-63 for the Shearon Harris Nuclear Power Plant, Unit 1. This amendment was in response to your application dated October 7, 2019, as supplemented by letters dated July 27, 2020, and November 11, 2020.

The amendment revised Technical Specification (TS) requirements to permit the use of risk-informed completion times (RICT) for actions to be taken when limiting conditions for operation are not met. The changes are consistent with Technical Specifications Task Force (TSTF) Traveler TSTF-505, Revision 2, "Provide Risk-Informed Extended Completion Times – RITSTF Initiative 4b," dated July 2, 2018.

Subsequent to issuance of the amendment, a discrepancy was identified with TS page 3/4 3-26. Your supplement dated July 27, 2020, indicated that Table 3.3-3 Functional Unit 6.f was initially planned for inclusion within the scope of the RICT Program by updating Action 15 on TS Page 3/4 3-26 to include "or in accordance with the Risk-Informed Completion Time Program." However, as noted in your supplement dated July 27, 2020, with removing Functional Unit 6.f from the scope of the Program, there was no longer a need to update Action 15. Page 9 of the safety evaluation has been updated to reflect the removal of Action 15 from the individual limiting conditions for operation Action statements. The NRC staff has determined that this error was made inadvertently.

The purpose of this letter is to issue a correction to TS page 3/4 3-26 for Amendment No. 184 and revise page 9 of the safety evaluation. The NRC concludes that the correction is entirely editorial in nature and does not change the staff's previous conclusion in the safety evaluation for Amendment No. 184, nor does it affect the no significant hazards consideration, as published in the *Federal Register* on January 14, 2020 (85 FR 2160). Enclosed, please find the corrected TS page 3/4 3-26 and page 9 of the safety evaluation.

If you have any questions regarding this matter, please contact me at (301) 415-1387 or by e-mail at Tanya.Hood@nrc.gov.

Sincerely,

/RA/

Tanya E. Hood, Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-400

Enclosures:

1. Correction to Technical Specifications
page 3/4 3-26 for Amendment No. 184
 2. Corrected page 9 of Safety Evaluation
- cc: Listserv

ENCLOSURE 1

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

CORRECTION TO TECHNICAL SPECIFICATIONS

PAGE 3/4 3-26 FOR AMENDMENT NO. 184

TABLE 3.3-3 (Continued)

TABLE NOTATIONS

#Trip function may be blocked in this MODE below the P-11 (Pressurizer Pressure Interlock) Setpoint.

**During CORE ALTERATIONS or movement of irradiated fuel in containment, refer to Specification 3.9.9.

***Trip function automatically blocked above P-11 and may be blocked below P-11 when Safety Injection on low steam line pressure is not blocked.

ACTION STATEMENTS

ACTION 14 - With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore the inoperable channel to OPERABLE status within 6 hours or in accordance with the Risk-Informed Completion Time Program or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours; however, one channel may be bypassed for up to 4 hours for surveillance testing per Specification 4.3.2.1, provided the other channel is OPERABLE.

ACTION 15 - With the number of OPERABLE channels one less than the Total Number of Channels, operation may proceed until performance of the next required CHANNEL OPERATIONAL TEST provided the inoperable channel is placed in the tripped condition within 1 hour.

ACTION 15a - With the number of OPERABLE channels one less than the Total Number of Channels, operation may proceed provided the inoperable channel is placed in the tripped condition within 1 hour. With less than the minimum channels OPERABLE, operation may proceed provided the minimum number of channels is restored within one hour, otherwise declare the affected diesel generator inoperable. When performing surveillance testing of either primary or secondary undervoltage relays, the redundant emergency bus and associated primary and secondary relays shall be OPERABLE.

ACTION 16 - With the number of OPERABLE channels one less than the Total Number of Channels, operation may proceed provided the inoperable channel is placed in the bypassed condition within 6 hours and the Minimum Channels OPERABLE requirement is met. One additional channel may be bypassed for up to 4 hours for surveillance testing per Specification 4.3.2.1.

ACTION 17 - With less than the Minimum Channels OPERABLE requirement, operation may continue provided the Containment Purge Makeup and Exhaust Isolation valves are maintained closed while in MODES 1, 2, 3 and 4 (refer to Specification 3.6.1.7). For MODE 6, refer to Specification 3.9.4.

ACTION 18 - With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore the inoperable channel to OPERABLE status within 48 hours or in accordance with the Risk-Informed Completion Time Program or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

ENCLOSURE 2

SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

CORRECTED SAFETY EVALUATION PAGE 9

LCO 3.3.2 Engineered Safety Features Actuation System Instrumentation

Action 14	With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore the inoperable channel to OPERABLE status within 6 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> or be in at least HOT STANDBY...
Action 18	With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore the inoperable channel to OPERABLE status within 48 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> or be in at least HOT STANDBY...
Action 19a.	The inoperable channel is placed in the tripped condition within 6 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> , and...
Action 21	With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore the inoperable channel to OPERABLE status within 6 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> or be in at least HOT STANDBY...
Action 24	With the number of OPERABLE channels one less than the Minimum Channels OPERABLE requirement, restore the inoperable channel to OPERABLE status within 6 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> or be in at least HOT STANDBY...

LCO 3.4.4 Relief Valves

Action b.1.	With only one safety grade PORV [Power Operated Relief Valve] OPERABLE, restore at least a total of two safety grade PORVs to OPERABLE status within the following 72 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> or be in at least HOT STANDBY...
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LCO 3.5.2 ECCS [Emergency Core Cooling Systems] Subsystems – T_{avg} [average coolant temperature] Greater Than or Equal to 350°F [degrees Fahrenheit]

Action a.	With one ECCS subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 72 hours* <i>or in accordance with the Risk-Informed Completion Time Program</i> or be in at least HOT STANDBY...
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LCO 3.6.1.3 Containment Air Locks

Action c.3.	Within 24 hours <i>or in accordance with the Risk-Informed Completion Time Program</i> , restore air lock to OPERABLE status, or...
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