



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

December 3, 2018

Mr. William R. Gideon, Vice President  
Brunswick Steam Electric Plant  
Duke Energy Progress, LLC  
8470 River Rd., SE (M/C BNP001)  
Southport, NC 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 – 2ND  
CORRECTION TO ISSUANCE OF AMENDMENTS TO ADOPT TECHNICAL  
SPECIFICATIONS TASK FORCE (TSTF) TRAVELER TSTF-542, REVISION 2,  
“REACTOR PRESSURE VESSEL WATER INVENTORY CONTROL”  
(CAC NOS. MF9905 AND MF9906; EPID L-2017-LLA-0242)

Dear Mr. Gideon:

By letter dated April 13, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18039A444), the U.S. Nuclear Regulatory Commission (NRC) issued Amendment Nos. 283 and 311 to Renewed Facility Operating License (RFOL) Nos. DPR-71 and DPR-62 for the Brunswick Steam Electric Plant (Brunswick), Units 1 and 2, respectively. The amendments were in response to the application from Duke Energy Progress, LLC (Duke Energy) dated June 29, 2017 (ADAMS Accession No. ML17180A538), as supplemented by letters dated January 4 and 23, 2018 (ADAMS Accession Nos. ML18004A045 and ML18023A432, respectively). The amendments adopted Technical Specifications Task Force (TSTF) Traveler TSTF-542, Revision 2, “Reactor Pressure Vessel Water Inventory Control,” and replaced the existing requirements in the technical specifications (TSs) related to operations with a potential for draining the reactor vessel with revised TSs providing an alternative for reactor pressure vessel water inventory control.

A correction letter for Amendment Nos. 283 and 311 was issued on May 23, 2018 (ADAMS Accession No. ML18137A143). Based on a recent discussion with Duke Energy staff, the NRC staff was informed of an additional error introduced by Amendment 283. The NRC staff identified an additional error in Amendment 311 following further review. The following errors are being corrected:

Brunswick Unit 1, Amendment 283, TS Page 3.3-48a, LCO [Limiting Condition for Operation] 3.3.5.3:

- The LCO references Table 3.3.5.2-1 instead of Table 3.3.5.3-1. The NRC staff notes that TS 3.3.5.3 is a new TS introduced in Amendment Nos. 283 and 311.

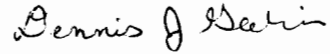
Brunswick Unit 2, Amendment 311, TS Page 3.5-10:

- An “S” was included before “ACTIONS” to read as “SACTIONS”

It appears that these errors were introduced by the camera-ready TS pages provided by Duke Energy prior to issuance of the amendment. The camera ready pages were not consistent with the changes proposed in Enclosures 2 and 3 of Duke Energy’s letter dated June 29, 2017. The corrected pages are enclosed.

If you have any questions regarding this matter, please contact me at (301) 415-8480.

Sincerely,



Dennis Galvin, Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosures:

1. Corrected TS Page to RFOL DPR-71  
for Amendment No. 283
2. Corrected TS Page to RFOL DPR-62  
for Amendment No. 311

cc: Listserv

CORRECTION TO LICENSE AMENDMENT NO. 283  
BRUNSWICK STEAM ELECTRIC STATION, UNIT 1  
RENEWED FACILITY OPERATING LICENSE NO. DPR-71  
DOCKET NO. 50-325

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove  
3.3-48a

Insert  
3.3-48a

3.3 INSTRUMENTATION

3.3.5.3 Reactor Pressure Vessel (RPV) Water Inventory Control Instrumentation

LCO 3.3.5.3 The RPV Water Inventory Control instrumentation for each Function in Table 3.3.5.3-1 shall be OPERABLE.

APPLICABILITY: According to Table 3.3.5.3-1.

ACTIONS

-----NOTE-----  
Separate Condition entry is allowed for each channel.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more channels inoperable.	A.1 Enter the Condition referenced in Table 3.3.5.3-1 for the channel.	Immediately
B. As required by Required Action A.1 and referenced in Table 3.3.5.3-1.	B.1 Declare associated penetration flow path(s) incapable of automatic isolation.	Immediately
	<u>AND</u> B.2 Calculate DRAIN TIME.	Immediately
C. As required by Required Action A.1 and referenced in Table 3.3.5.3-1.	C.1 Place channel in trip.	1 hour

(continued)

CORRECTION TO LICENSE AMENDMENT NO. 311  
BRUNSWICK STEAM ELECTRIC STATION, UNIT 2  
RENEWED FACILITY OPERATING LICENSE NO. DPR-62  
DOCKET NO. 50-324

Replace the following page of the Appendix A Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove  
3.5-10

Insert  
3.5-10

**ACTIONS**

CONDITION	REQUIRED ACTION	COMPLETION TIME
D. (continued)	D.3 Initiate action to isolate each secondary containment penetration flow path or verify it can be manually isolated from the control room.	Immediately
	<u>AND</u> D.4 Initiate action to verify one standby gas treatment subsystem is capable of being placed in operation.	Immediately
E. Required Action and associated Completion Time of Condition C or D not met.  <u>OR</u>  DRAIN TIME < 1 hour.	E.1 Initiate action to restore DRAIN TIME to $\geq 36$ hours.	Immediately

**SURVEILLANCE REQUIREMENTS**

SURVEILLANCE		FREQUENCY
SR 3.5.2.1	Verify DRAIN TIME $\geq 36$ hours.	In accordance with the Surveillance Frequency Control Program
SR 3.5.2.2	Verify, for a required low pressure coolant injection (LPCI) subsystem, the suppression pool water level is $\geq -31$ inches.	In accordance with the Surveillance Frequency Control Program

(continued)

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(CAC NOS. MF9905 AND MF9906; EPID L-2017-LLA-0242) DATED  
DECEMBER 3, 2018

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RidsNrrLABClayton Resource

**ADAMS Accession No.: ML18298A078**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM
NAME	DGalvin	BClayton	UShoop	DGalvin
DATE	10/29/2018	10/26/2018	12/3/2018	12/3/2018

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