



Brunswick Nuclear Plant
P.O. Box 10429
Southport, NC 28461

JUL 26 2016

10 CFR 50.4(b)(5)(iii)
10 CFR 50.54(q)(5)
10 CFR 72.4

Serial: BSEP 16-0055

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-71 and DPR-62
Docket Nos. 50-325 and 50-324
Revision to Radiological Emergency Response Plan Implementing Procedure

Ladies and Gentlemen:

In accordance with 10 CFR 50.4(b)(5)(iii); 10 CFR 50.54(q)(5); and 10 CFR 72.4; Duke Energy Progress, Inc., is submitting a revision to Radiological Emergency Response Plan Implementing Procedure OPEP-02.6.27, *Activation and Operation of the Emergency Operations Facility (EOF)*, Revision 38, which became effective June 29, 2016.

Duke Energy has evaluated this revision, in accordance with 10 CFR 50.54(q), and determined that the revision is not a reduction in the effectiveness of the Radiological Emergency Response Plan and that the Plan, as changed, continues to meet the standards of 10 CFR 50.47(b) and the requirements of 10 CFR 50, Appendix E. Enclosure 1 provides a 10 CFR 50.54(q)(5) summary for the revised Radiological Emergency Response Plan implementing procedure. Enclosure 2 contains a copy of the revised Radiological Emergency Response Plan implementing procedure.

This document contains no regulatory commitments.

Please refer any questions regarding this submittal to Mr. Lee Grzeck, Manager - Regulatory Affairs, at (910) 457-2487.

Sincerely,

Annette H. Pope
Director - Organizational Effectiveness
Brunswick Steam Electric Plant

AX45
NRR

Enclosures:

- 1: 10 CFR 50.54(q)(5) Summary for OERP, Revision 88, and for OPEP-02.6.27, Revision 38
- 2: Copy of OPEP-02.6.27, Revision 38, *Activation and Operation of the Emergency Operations Facility (EOF)*

cc (with Enclosures 1 and 2):

U.S. Nuclear Regulatory Commission, Region II
ATTN: Ms. Catherine Haney, Regional Administrator
245 Peachtree Center Ave, NE, Suite 1200
Atlanta, GA 30303-1257

cc (with Enclosure 1 only):

U.S. Nuclear Regulatory Commission
ATTN: Ms. Michelle P. Catts, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U.S. Nuclear Regulatory Commission
ATTN: Mr. Andrew Hon (Mail Stop OWFN 8G9A) **(Electronic Copy Only)**
11555 Rockville Pike
Rockville, MD 20852-2738
Andrew.Hon@nrc.gov

U.S. Nuclear Regulatory Commission
ATTN: Mr. John Nguyen (Mail Stop 3WFN 14A) **(Electronic Copy)**
11555 Rockville Pike
Rockville, MD 20852-2738

cc (without enclosures):

Chair - North Carolina Utilities Commission **(Electronic Copy Only)**
4325 Mail Service Center
Raleigh, NC 27699-4300
swatson@ncuc.net

U.S. Nuclear Regulatory Commission
ATTN: Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001