



April 20, 2017

Serial: BSEP 17-0041

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

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 Procedures

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, LLC (Duke Energy), is submitting a revision to Radiological Emergency Response Plan Implementing Procedures OPEP-02.6.26, Revision 38, *Activation and Operation of the Technical Support Center (TSC)*; OPEP-03.4.8, Revision 4, *Offsite Dose Projections for Monitored Releases*; OPEP-03.6.1, Revision 17, *Release Estimates Based Upon Stack/Vent Readings*; and OPEP-03.6.3, Revision 21, *Estimate of the Extent of Core Damage Under Accident Conditions – Core Damage Assessment Program (CDAM)*.

Duke Energy has evaluated these revisions, in accordance with 10 CFR 50.54(q), and determined that the revisions are 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 these revised Radiological Emergency Response Plan implementing procedures. Enclosures 2 through 5 contain a copy of the revised Radiological Emergency Response Plan implementing procedures.

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,

Mark McPherson
Director – Organizational Effectiveness (Acting)
Brunswick Steam Electric Plant

AX45
NRR

WRM/wrm

Enclosures:

1. 10 CFR 50.54(q)(5) Summaries for OPEP-02.6.26, Revision 38; OPEP-03.4.8, Revision 4; OPEP-03.6.1, Revision 17; and OPEP-03.6.3, Revision 21
2. Copy of OPEP-02.6.26, Revision 38, *Activation and Operation of the Technical Support Center (TSC)*
3. Copy of OPEP-03.4.8, Revision 4, *Offsite Dose Projections for Monitored Releases*
4. Copy of OPEP-03.6.1, Revision 17, *Release Estimates Based Upon Stack/Vent Readings*
5. Copy of OPEP-03.6.3, Revision 21, *Estimate of the Extent of Core Damage Under Accident Conditions – Core Damage Assessment Program (CDAM)*

cc (with all Enclosures):

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