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

Serial: BSEP 16-0050

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, Inc., is submitting a revision to Radiological Emergency Response Plan implementing procedures OPEP-02.1, *Initial Emergency Actions*, Revision 53, and OPEP-02.2.1, *Emergency Action Level Technical Bases*, Revision 8, both of which became effective on June 9, 2016.

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 the revised Radiological Emergency Response Plan implementing procedures. Enclosure 2 contains 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,

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

AX45  
NRR

WRM/wrm

Enclosures:

1. 10 CFR 50.54(q)(5) Summary
2. Revised Radiological Emergency Response Plan Implementing Procedures

cc (with Enclosures 1 and 2):

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