



October 27, 2016

Serial: BSEP 16-0088

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
Fifth 10-Year Inservice Testing (IST) Program

Reference: 1. Letter from Annette H. Pope (CP&L) to the U.S. Nuclear Regulatory
Commission Document Control Desk, *Fourth 10-Year Interval Inservice
Testing (IST) Program Update Submittal*, dated November 13, 2007, ADAMS
Accession Number ML073230790.

Ladies and Gentlemen:

The purpose of this letter is to notify the NRC that Duke Energy Progress, LLC (Duke Energy), is revising the start date for the next Inservice Testing (IST) Program interval for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2.

As reported by Reference 1, the fourth 10-year IST interval for BSEP began on May 11, 2008, and currently ends through May 10, 2018. The fourth 10-year interval IST Program follows the requirements of the American Society of Mechanical Engineers (ASME) Code for Operation and Maintenance of Nuclear Power Plants (i.e., referred to herein as the OM Code), 2001 Edition through 2003 Addenda.

The ASME OM Code, ISTA-3120, *Inservice Test Interval*, paragraph (d) states:

- (d) Each of the inservice test intervals may be extended or decreased as much as 1 year. Adjustments shall not cause successive intervals to be altered by more than 1 year from the original pattern of intervals.

In accordance with the ASME OM Code, ISTA-3120, Duke Energy is adjusting the fifth 10-year IST interval start date to November 1, 2017, versus the previously scheduled May 11, 2018 interval start date. Based on this new interval start date, the fifth 10-year IST interval will end October 31, 2027. The fourth 10-year IST interval will now end October 31, 2017.

The principal reason for adjusting the IST interval start date is to have BSEP, Units 1 and 2, follow the same ASME Code edition that is being used at several other Duke Energy nuclear facilities.

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By separate correspondence, Duke Energy plans to submit any proposed alternatives (i.e., relief requests) that may be needed to support the planned fifth 10-year interval IST Program. Duke Energy expects this submittal to occur prior to December 30, 2016.

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

Sincerely,  Mark McPherson for A.P.

Annette H. Pope
Director – Organizational Effectiveness
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WRM/wrm

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