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U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

Duke Energy Business Services, LLC  
526 S. Church St.  
Charlotte, NC 28202

Subject: Notice of Intent to Pursue an Early Site Permit for Potential Siting of an  
Advanced Nuclear Plant at the Belews Creek Site in North Carolina

Ladies and Gentlemen,

This letter provides notification that Duke Energy Business Services, LLC (Duke Energy), intends to submit an early site permit (ESP) application for the Belews Creek site in Stokes County, North Carolina. The Belews Creek site is currently an operating Duke Energy coal-fueled electric generation plant near Belews Creek, NC. The existing two units are expected to be retired in the mid-2030s. If a decision to build a new nuclear plant at the site is made, the online date is expected by 2035. Duke Energy intends to submit the ESP application to the NRC by August 31, 2025.

The ESP will include small modular reactors and advanced reactors using the plant parameter envelope concept. Duke Energy will keep the NRC informed of any changes to the anticipated schedule for filing the ESP application to facilitate NRC efforts to plan for processing of the permit application.

Please contact Mr. Lee Grzeck, licensing manager, New Nuclear Generation Strategy and Regulatory Engagement, at (980) 373-1530, if you have any questions regarding this letter.

There are no regulatory commitments contained in this letter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chris Nolan', written over a horizontal line.

M. Christopher Nolan  
Vice President,  
New Nuclear Generation Strategy & Regulatory Engagement

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cc:

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