STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1318 DOCKET NO. EC-67, SUB 55

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)	
Joint Application of Duke Energy Progress,)	DIRECT TESTIMONY OF
Membership Corporation for a Certificate)	BEHALF OF DUKE ENERGY
of Public Convenience and Necessity to Construct a 1.360 MW Natural Gas-Fueled)	PROGRESS, LLC
Combined Cycle Electric Generating Facility in Person County, North Carolina)	

I. INTRODUCTION AND OVERVIEW

Q. MR. DONOCHOD, PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

A. My name is Daniel Donochod, and my business address is 525 South Tryon
Street, Charlotte, North Carolina 28202.

5 Q. BY WHOM AND IN WHAT CAPACITY ARE YOU EMPLOYED?

A. I am employed by Duke Energy as General Manager ("GM"), Generation
Execution and Technologies.

8 Q. PLEASE SUMMARIZE YOUR EDUCATIONAL AND PROFESSIONAL 9 BACKGROUND.

I earned a Bachelor of Science in Civil Engineering from North Carolina State 10 A. University in 1991 and a Master of Business Administration from the 11 University of North Carolina at Chapel Hill in 2001. I have been a registered 12 13 Professional Engineer in the state of North Carolina since 1997. Prior to joining 14 Duke Energy, I worked in the Town of Cary Engineering Department and then 15 in private sector engineering consulting for a total of 13 years. I have 20 years 16 of experience with Duke Energy Carolinas, LLC ("DEC") and Duke Energy Progress, LLC ("DEP" or the "Company," and collectively with DEC, the 17 18 "Companies"). I joined Progress Energy, Inc. ("Progress Energy") in 2003 as a 19 Lead Engineer. In that role, I performed technical analysis and business case 20 development for major DEP strategic initiatives, including strategies to enable DEP generation units to expand their fuel mix and deliver customer savings. In 21 22 2007, I was promoted to Regional Engineering Manager, where I managed a

1	multi-disciplinary team of engineers providing tactical support to seven
2	generating stations. I served as Finance Manager from 2009-2010, where I
3	prepared business evaluations of transformative DEP initiatives, and from
4	2010-2012, I served as Manager of Outage Support, where I helped overhaul
5	long-range planning and budgeting tools and led efforts to refine DEP's outage
6	scheduling process. In 2012, after completion of the Duke Energy - Progress
7	Energy merger, I was promoted to Fuel Flexibility Strategy Manager, where I
8	was responsible for outlining the strategy of the Companies' respective coal
9	fleets burning non-traditional fuels to deliver fuel savings to customers. In 2014,
10	I was promoted to Director, Generation and Regulatory Strategy, where I
11	oversaw new generation and power generation unit retirement strategy, as well
12	as the development of the Companies' fuel hearing testimony. In 2017, I was
13	promoted to GM - Strategic Engineering, where I led enterprise teams
14	providing strategic, tactical, analytical engineering, process and environmental
15	engineering, new integration and generation, and regulatory strategy support to
16	multiple business units. I was promoted to GM - Fleet Transition Strategy in
17	2021 and served in that role until March 2024, when I assumed my current role
18	as GM – Generation Execution and Technologies.

19 Q. WHAT ARE YOUR RESPONSIBILITIES IN YOUR CURRENT 20 POSITION?

A. I lead a team that helps prepare the generation fleet transition strategy and
 coordinates execution of the Companies' generation transition. My team works
 closely with many cross-departmental teams to support and achieve execution

1	of the Companies' 2023-2024 Carbon Plan and Integrated Resource Plan
2	("CPIRP" or the "Plan") including the initial Plan filed with the Commission
3	on August 17, 2023, in Docket No. E-100, Sub 190, and the Supplemental
4	Planning Analysis ("SPA") filed in the same docket on January 31, 2024. Our
5	scope includes proposing strategic decisions, preparing business cases and/or
6	seeking approvals of special projects (e.g., gas co-firing), coal retirements, and
7	significant new construction. My team also helps inform and then execute
8	aspects of the Companies' CPIRP supply-side Near-Term Action Plan
9	("NTAP") and Execution Plan. Additionally, my team coordinates and supports
10	research, studies, and pilot projects related to hydrogen as a potential fuel
11	source for electric generation, carbon capture and sequestration ("CCS"), and
12	potential emerging generation technologies.

13 Q. HAVE YOU PREVIOUSLY TESTIFIED BEFORE THE COMMISSION?

A. Yes. I submitted pre-filed direct testimony to the North Carolina Utilities
Commission ("Commission") in support of the CPIRP in Docket No. E-100,
Sub 190.

17 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of my testimony is to support DEP's Joint Application with the North Carolina Electric Membership Corporation for a certificate of public convenience and necessity ("CPCN") to construct an advanced class, combined cycle gas turbine ("CC") facility for the generation of electricity at the site of its existing Roxboro Plant ("Roxboro") in Person County, North Carolina ("Proposed Facility"). Construction of the Proposed Facility will facilitate permanent retirement of two of the four coal-fired generating units at Roxboro.
 The remaining two coal-fired units, together with the Proposed Facility, will
 collectively be known as the Person County Energy Complex.

More specifically, my testimony will focus on how the Proposed Facility 4 supports the Companies' Carolinas energy transition strategy presented in the 5 CPIRP and aligns with the least cost path to achieve compliance with the carbon 6 reduction mandates in N.C.G.S. § 62-110.9, while also maintaining or 7 improving upon the adequacy and reliability of the Companies' existing grid. 8 In doing so, I will describe the Company's site selection process, provide 9 information about the projected retirement of the existing coal-fired facilities at 10 Roxboro, and discuss the Proposed Facility's critical role in reliably advancing 11 the Carolinas energy transition. I will also describe the Company's ongoing 12 assessment of the U.S. Environmental Protection Agency's ("EPA") proposed 13 14 regulations under Section 111 of the Clean Air Act ("CAA") and the planned compliance options for the Proposed Facility under the proposed rule. 15

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THE PROPOSED FACILITY AND PLANNED COAL UNIT RETIREMENTS

18 Q. PLEASE GENERALLY DESCRIBE THE PROPOSED FACILITY.

A. The Company proposes to construct a highly efficient, hydrogen-capable
 dispatchable CC facility with an estimated nominal winter capacity of 1,360
 megawatts ("MW"). The Proposed Facility will both facilitate the retirement of
 the existing coal-fired Roxboro Units 1 and 4, rated at 380 MW and 711 MW,
 respectively, and support projected load growth on the system. Company
 witness Bobby Smith provides additional information about the technical

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- Q. CAN YOU EXPLAIN WHY DEP STATED IN ITS PRELIMINARY PLAN
 FILING THAT IT WOULD RETIRE ROXBORO UNITS 1 AND 2, BUT,
 IN THIS CPCN APPLICATION, INDICATES IT WILL RETIRE
 ROXBORO UNITS 1 AND 4?
- A. The Company updated plans to retire Roxboro Unit 4 instead of Unit 2 due to 6 differences in their respective heat rates, performance, operational 7 requirements, and operating costs, as well as the ability to utilize Roxboro Unit 8 1's and Roxboro Unit 4's transmission capability as part of the Generator 9 10 Replacement Request ("GRR") for the Proposed Facility. Accordingly, DEP delayed Roxboro Unit 2's retirement to January 2034 in the SPA, consistent 11 with Roxboro's Unit 4's retirement date as listed in the initial Plan. The 12 Company currently plans to retire Roxboro Units 1 and 4 in January 2029 after 13 14 the Proposed Facility becomes operational and plans for Roxboro Units 2 and 3 to remain in service until January 2034.¹ 15
 - III. <u>THE PROPOSED FACILITY'S ROLE IN THE ENERGY</u> <u>TRANSITION</u>
- 18 Q. PLEASE EXPLAIN THE MAGNITUDE OF THE ENERGY
 19 TRANSITION FACING THE COMPANIES AT THIS TIME.
- A. The Companies must reliably meet current and future customers' energy needs over the next 15 years, while also planning for their longer-term energy transition to achieve carbon neutrality by 2050. To achieve this goal, the

¹ Exhibit 1A Supplemental Planning Analysis Section 3 at 34 (Table SPA 3-1).

Companies must retire and replace approximately 8,400 MW of coal-fired generating capacity with equally reliable resources while simultaneously planning for the incremental generating resources necessary to meet customers' future needs and to ensure reliability of the system. Figure 1 below visually demonstrates the magnitude of the challenge the Companies face in maintaining reliability while both meeting load growth and retiring coal-fired generating resources on the path to achieving their long-term goal of carbon neutrality by 2050.

Figure 1: Capacity Resource Need Created by Load Growth and Coal Retirements



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Company witness Michael Quinto provides additional detail on how the Companies' CPIRP ensures that that Companies are planning for an orderly energy transition designed to reliably replace coal with a diverse portfolio of new generation while also planning to build new capacity to serve the additional load growth resulting from the Carolinas' recent economic development success. My testimony focuses more on the Companies' execution of that plan.
 Q. PLEASE DESCRIBE THE PROPOSED FACILITY'S ROLE IN THE
 COMPANIES' PLANS TO RELIABLY SERVE INCREASING
 ELECTRICITY DEMAND IN THE CAROLINAS.

New dispatchable generation resources, such as the Proposed Facility, are 5 A. critical to the Companies' ability to balance supply of, and demand for, 6 electricity and to maintain reliable system operations as coal-fired generation is 7 retired and significant new customer load is planned to be added to the system. 8 Additionally, and as further discussed in CPIRP Appendix M (Reliability and 9 Operational Resilience), the increasing amount of renewables on the 10 Companies' system increases the need for generating resources that can 11 complement and balance their operating characteristics. More specifically, 12 dispatchable generation resources with the ability to quickly ramp, which is the 13 14 ability to increase or decrease output to help match load, are necessary to respond to the intermittency of renewable resources by serving as a flexible 15 backup source of energy when renewable output is low. 16

17 Q. DOES THE CPIRP IDENTIFY THE NEED TO CONSTRUCT THE 18 PROPOSED FACILITY?

A. Yes. The CPIRP Execution Plan and NTAP² identify constructing the Proposed
 Facility to commence commercial operation by January 1, 2029, to replace the
 retiring coal units at Roxboro and as the first step in procuring needed new gas fueled generation to reliably accomplish the CPRIP's executable energy

² Exhibit 1A Supplemental Planning Analysis Section 4 at 47-48 (Table SPA 4-1).

1	transition objectives. The Proposed Facility is the first of five CCs identified as
2	needed by 2033 across both DEP and DEC to progress coal unit retirements and
3	meet the growing forecasted customer loads, as detailed in the CPIRP NTAP
4	and highlighted by Figure 2.

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Figure 2: Planned Natural Gas Generation in 2023-2024 CPIRP Execution Plan³

Sul	mit CPCNs and air permit applications for		
Adv	rshall Advanced CTs and Person County vanced CC1 & CC2.		
• Sul 2024 CC Inte	omit Person County Advanced CC2, SC-located 3 and CTs 3 & 4 into 2024 Definitive erconnection System Impact Study ("DISIS").		
 Re Adv cor 	ceive Marshall Advanced CTs and Person County vanced CC1 CPCN orders to commence struction activities.		
Rei to o	ceive Person County Advanced CC2 CPCN order commence construction activities.		
• Re Adv	 Receive interconnection agreements for Marshall Advanced CTs and Person County Advanced CC1. 		
• Sul beg	omit CPCNs and air permits for CC3 (SC-located jinning of year ("BOY") 2031), CC4 (BOY 2032) I CTs 3 & 4 (BOY 2030).		
• Sul	omit GRR and/or DISIS for CC4 and CT5.		
Sul	omit CPCN for CT5 (BOY 2031 in-service).		
• Re Co 2026 & 4	ceive interconnection agreements for Person unty Advanced CC2, CC3 (SC-located) and CTs 3		
• Sul	omit CC5 into 2026 DISIS (BOY 2033 in-service).		
Sul	omit CPCN for CC5 (BOY 2033 in-service).		

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As identified in Figure 2, the Companies have decided to site the second CC

³ Exhibit 1A Supplemental Planning Analysis Section 4 at 57 (Table SPA 4-8).

facility at Roxboro, with commercial operation targeted for January 1, 2030,
 and to site CCs 3-5 within DEC's service territory targeting commercial
 operation between 2031-2033.

4 Q. IS THE CRITICAL ROLE OF DISPATCHABLE NEW GAS 5 GENERATION INCREASINGLY BEING RECOGNIZED AS A 6 CENTRAL FOCUS OF RELIABLY ACHIEVING THE ENERGY 7 TRANSITION?

Yes. The Commission's Order Adopting Initial Carbon Plan and Providing 8 A. Direction for Future Planning, issued on December 30, 2022, in Docket No. E-9 100, Sub 179 ("Carbon Plan Order"), recognized the Companies' testimony that 10 "Duke's planned coal unit retirements require replacement resources that can 11 provide firm, dispatchable, and equally reliable capacity like ... baseload CCs" 12 and that "[w]ithout such replacement resources, Duke cannot retire coal on an 13 accelerated schedule."⁴ The Companies' view is consistent with recent 14 testimony by Mr. Jim Robb, President and Chief Executive Officer of the North 15 American Electric Reliability Corporation ("NERC"), the organization 16 17 responsible for developing rules and protocols designed to ensure the reliability of North America's bulk power transmission systems, to the United States 18 19 Senate highlighting the critical role natural gas-fueled facilities have to play in the energy transition to a lower-carbon emitting grid. Specifically, Mr. Robb 20 21 testified that:

Natural gas will remain essential to reliability [during the energy
transition] for total energy and as a balancing resource. In many

⁴ Exhibit 1A Carbon Plan Order at 76-77.

areas, natural gas-fueled generation is needed to meet energy demand during shoulder periods between times of high and low renewable energy availability ... And on a daily basis in areas with significant solar generation, the natural gas fleet is a flexible generation resource to fill the gap. The criticality of natural gas as the "fuel that keeps the lights on" will remain until very large-scale and long duration battery deployments are feasible or an alternative flexible fuel such as hydrogen, or small nuclear reactors can be developed at scale.⁵

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The Proposed Facility will have the operating characteristics that Mr. Robb 10 recognized as necessary to "keep [...] the lights on" through the energy 11 transition, providing flexible dispatchable generation to complement the 12 increasing amount of renewables on the Companies' systems. For example, the 13 Proposed Facility will be able to ramp at a rate five times faster than Roxboro's 14 coal-fired Units 1 and 4, with a significantly improved cycling ability. In 15 addition, the Proposed Facility will not only replace the capacity from 16 Roxboro's coal-fired Units 1 and 4 but will provide an estimated 270 17 incremental MW of dispatchable capacity to help meet load growth. The 18 Proposed Facility will also reduce carbon dioxide ("CO₂") emission rates per 19 megawatt hour by approximately 60% and provide approximately 33% 20 improved efficiency at full load compared to the retiring Roxboro coal units. In 21 light of these characteristics, DEP believes the Proposed Facility is essential to 22 addressing the Company's need to maintain or improve the reliability and 23 operational resilience of the grid through the energy transition on the path to 24

⁵ The Reliability and Resiliency of Electric Service in the United States in Light of Recent Reliability Assessments and Alerts. Testimony of James B. Robb, President and CEO of NERC, before the United States Senate Committee on Energy and Natural Resources (June 1, 2023), *available at* https://www.energy.senate.gov/services/files/D47C2B83-A0A7-4E0B-ABF2-9574D9990C11.

carbon neutrality.

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Q. WILL CONSTRUCTING THE PROPOSED FACILITY ALSO HELP MANAGE THE GROWING RISKS OF CONTINUED OPERATION OF THE COMPANIES' AGING COAL FLEET?

Yes. As highlighted in the CPIRP, deteriorating industry economics and 5 А. increasing environmental regulations are driving a decline in the coal industry 6 and its supporting infrastructure.⁶ Company witness John Verderame recently 7 explained in testimony filed in Docket No. E-100, Sub 190, how the electric 8 utility industry's transition away from coal generation has impacted every 9 aspect of domestic coal production, supply chain, and transportation. This 10 changing environment, coupled with current inflationary pressures, results in 11 risks and uncertainties for coal supply assurance and continued reliable 12 operations of the Companies' coal generation facilities. As further addressed in 13 14 the CPIRP, the changing economics of coal generation supports the planned 15 retirement of Roxboro Units 1 and 4 and replacement with the Proposed Facility 16 given the economics and environmental regulations driving the ongoing decline 17 in the coal industry and its supporting infrastructure, including coal production, supply chain and transportation, as well as increasing challenges in maintaining 18 19 the Companies' aging coal units.

⁶ See Exhibit 1A CPIRP Appendix F at 2-6.

IV. <u>SITE SELECTION FOR THE PROPOSED FACILITY</u>

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Q. PLEASE DESCRIBE DEP'S PROCESS FOR SELECTING ROXBORO AS THE LOCATION FOR THE PROPOSED FACILITY.

As discussed in more detail in CPIRP Chapter 4 (Execution Plan), replacing A. 4 retiring coal-fired generation with other forms of equally reliable dispatchable 5 generation is central to the Companies' plan to execute an orderly transition of 6 its generating fleet towards carbon neutrality while maintaining the generating 7 capacity to provide the energy and capacity required to reliably serve system 8 growth. Consistent with that plan, DEP evaluated site locations using several 9 factors including, but not limited to, projected retirement dates of existing units, 10 transmission capacity, access to fuel supply, available land, and water supply. 11 To meet the planning need for CC1 in DEP, the Company considered existing 12 generation sites with planned unit retirement dates that aligned with the 13 14 planning needs for new CC gas generation in the 2028-2029 timeframe, as well as DEP-owned sites at which it had previously retired generating resources. 15 16 DEP primarily considered active sites including Roxboro and the Mayo 17 Generating Station ("Mayo"), and preliminarily evaluated sites with retired generation such as the Robinson Plant ("Robinson"), the Darlington Plant 18 19 ("Darlington"), Cape Fear Station ("Cape Fear"), and the W.H. Weatherspoon 20 Plant ("Weatherspoon").

The Company ruled out the Robinson, Darlington, Cape Fear, and Weatherspoon locations relatively early in its analysis due to execution challenges and costs associated with supplying fuel to the locations and a lack

of transmission rights. Existing plant infrastructure at the Roxboro and Mayo 1 locations—especially electric transmission facilities—necessary to support a 2 CC allowed for accelerated deployment of the Proposed Facility. Timing with 3 respect to constructing the planned CC addition to achieve the target in-service 4 date was also a material consideration, as performing due diligence on a 5 greenfield site (i.e., undeveloped land without existing plant infrastructure) can 6 take up to two years, and up to roughly six years after site selection to plan and 7 construct a new CC along with its associated infrastructure. Accordingly, 8 constructing the Proposed Facility at a greenfield location with access to 9 adequate fuel likely would have delayed its in-service date beyond the planning 10 need identified in the CPIRP and would have required more extensive 11 transmission projects associated with interconnecting the new resources and 12 retiring the coal units at Roxboro. 13

14 Overall, the Roxboro location had more favorable construction attributes with respect to the Proposed Facility than Mayo. For example, DEP 15 16 currently plans to operate Mayo's coal-fired generator until 2031, which does 17 not align with 2028-2029 planning need for new CC generation. Additionally, Roxboro's coal-fired generating units that DEP plans to retire have greater 18 19 capacity (1,091 MW) than the to-be-retired Mayo coal-fired generating units (713 MW), which supports using the Roxboro location because any necessary 20 21 transmission network upgrades are likely to be less extensive (and therefore less 22 expensive) at the site of retiring generation with greater capacity. Roxboro is 23 also approximately 15 miles closer to natural gas infrastructure than Mayo,

which means it will cost less to construct the natural gas facilities necessary to
transport fuel to Roxboro than Mayo. Finally, available Company-owned land
was an additional consideration that weighed in Roxboro's favor as the selected
site location. Today, Roxboro's four coal units sit on approximately 3,000 acres
of DEP property, with sufficient space to site the CC in an area southwest of
and outside the footprint of the existing units.

Q. ARE THERE ANY OTHER BENEFITS TO SITING THE PROPOSED FACILITY AT THE ROXBORO SITE?

9 A. Yes. Prior to DEP selecting Roxboro as the site for the Proposed Facility, DEP's 10 Transmission department indicated that there was a particular need for 11 generation located in the northern portion of DEP's service territory to support 12 system voltages, and that the need would increase in magnitude as DEP retires 13 existing dispatchable generating facilities in the area.

14 Q. HAS DEP ENGAGED WITH PERSON COUNTY REGARDING THE

15 COMPANY'S PLANS TO CONSTRUCT THE PROPOSED FACILITY?

16 A. Yes. As the Company indicated in its preliminary plans that it filed in this docket 17 on September 1, 2023, DEP has communicated with Person County officials throughout the development of its plans for the Proposed Facility. The 18 19 Company has operated Roxboro within the community since Unit 1 began 20 commercial operations in 1966. Since that time, DEP has enjoyed a 21 collaborative partnership with the residents and officials in Person County, as 22 subsequent additions to Roxboro came online in 1968, 1973, and 1980, and 23 Mayo began commercial operation in 1983. Roxboro and Mayo have produced hundreds of jobs in the county over the decades, bolstered the tax base, added
to economic development, and many employees of both plants have called
Person County home for themselves and their families.⁷

Person County officials have expressed strong support for DEP locating 4 replacement generation in Person County as the aging coal units are scheduled 5 for retirement, with Person County and the City of Roxboro going so far as to 6 adopt a Joint Comprehensive Land Use Plan in November 2021 (the "Land Use 7 Plan"). One of the Land Use Plan's stated "objectives" is for the City and 8 County to "work to advocate for the reuse of [the Roxboro Plant] to be 9 redeveloped with a new energy generating plant ... to provide a reliable local 10 energy source to help support industrial development in the community." 11 Confidential Exhibit 2 to the Application provides additional information on the 12 Land Use Plan. 13

14 On February 5, 2024, the Person County Board of Commissioners issued a Resolution of Support for Duke Energy in Person County, specifically 15 supporting the Company's plans to site two CCs at the Roxboro plant. 16 17 Additionally, as an example of seeking community input and sharing information, the Company held an open house on the project at Piedmont 18 19 Community College in Roxboro on February 21, 2024, and also hosted a 20 webinar on February 27, 2024. In all, the Company looks favorably upon this 21 mutual interest in locating the Proposed Facility in Person County.

⁷ See Comments of Person County, North Carolina, Docket No. E-100, Sub 179 at 7 (July 15, 2022).

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V. PLANNING FOR EPA SECTION 111 COMPLIANCE

2 Q. HOW MIGHT THE EPA'S PROPOSED REGULATIONS UNDER 3 SECTION 111 OF THE CAA IMPACT THE PROPOSED FACILITY?

As addressed in the CPIRP,⁸ on May 23, 2023, the EPA published a Proposed 4 A. 5 Rule under its CAA Section 111 authority in the Federal Register ("EPA Proposed Rule") to address CO₂ emissions from new (gas) and existing (coal 6 and gas) fossil-fired power plants. The EPA Proposed Rule, which is not vet 7 finalized, would impose emission limitations on new natural gas-fueled CCs, 8 with the standard varying by capacity factor. Assuming a final rule is 9 10 promulgated by the EPA that is similar to the EPA Proposed Rule, the new regulation would apply to the Proposed Facility. The Companies are actively 11 monitoring developments related to the EPA Proposed Rule. 12

As further discussed by witness Quinto and addressed in Exhibit 1B to 13 the Application, the Companies' CPIRP evaluated compliance scenarios under 14 the EPA Proposed Rule and the Companies continue to evaluate longer-term 15 compliance options related to hydrogen or carbon capture sequestration 16 ("CCS"). The Proposed Facility is expected to able to be compliant with the 17 phase 1 requirement for new baseload gas units, with an emissions rate under 18 770 lbs. CO₂ per megawatt-hour (gross) in EPA Proposed Rule for new gas 19 generation as currently proposed. With an eye toward Phase II of the EPA 20 21 Proposed Rule that could become effective in the 2030s, and long-term strategy for hydrogen-enabled gas units, the Companies are incorporating improvements 22

⁸ Exhibit 1A CPIRP Appendix C at 99-100.

1		in the new CC facility with the potential of enabling a future conversion to
2		operate solely using hydrogen should the fuel source become available. Since
3		the EPA Proposed Rule allows for CCS as a potential "best system of emissions
4		reduction" technology for CAA Section 111, DEP has retained a consulting firm
5		specializing in permanent subsurface sequestration to screen the Carolinas for
6		CCS potential. The Companies expect the final rule to be published in 2024 and
7		will continue to analyze the potential impacts of the finalized rule on the
8		Proposed Facility.
9		VI. <u>CONCLUSION</u>
10	Q.	IN SUMMARY, WHY SHOULD THE COMMISSION AUTHORIZE
11		CONSTRUCTION OF THE PROPOSED FACILITY?
12	A.	The Proposed Facility will be industry-leading in efficiency and will therefore
13		achieve low emission rates while providing needed dispatchable capacity and

flexibility to maintain reliable system operations as Roxboro Units 1 and 4 are retired. Accordingly, for the reasons presented in the Companies' Application and supported by my testimony, the Commission should grant the Companies request for issuance of a CPCN.

18 Q. MR. DONOCHOD, DOES THIS CONCLUDE YOUR DIRECT 19 TESTIMONY?

20 A. Yes.