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October 2, 2020

Via E-mail Only

Mr. Steve Kahl
Executive Director
North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505-0480
ndpsc@nd.gov

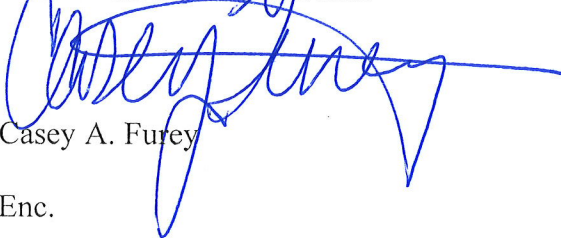
In re: Aircraft Detection Lighting System Certification
Langdon Renewables, LLC
Our File No. 035218-000043

Dear Mr. Kahl:

Please find enclosed for filing Langdon Renewables, LLC's Certification Relating to N.D.C.C. § 49-22-03(3)(a) pertaining to construction activities for installation of an Aircraft Detection Lighting System at the Langdon Wind Energy Center located in Cavalier County, North Dakota.

Sincerely,

CROWLEY FLECK PLLP



Casey A. Furey

Enc.

cc: Tracy Davis (via email)
Jerry Lein (via email)

**STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION**

**Langdon Renewables, LLC
Langdon Wind Energy Center – Cavalier County**

Case No. PU-20-_____

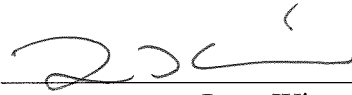
CERTIFICATION RELATING TO N.D.C.C. § 49-22-03(3)(a)

STATE OF FLORIDA)
) ss.
COUNTY OF PALM BEACH)

The undersigned, Lane Witten, Assistant Vice President, a representative of Langdon Renewables, LLC (“Langdon Renewables”) with authority to bind Langdon Renewables to the following, hereby certifies as follows:

1. In an order dated May 31, 2007 issued in Case No. PU-07-026, the Public Service Commission (“Commission”) approved the Certificate of Site Compatibility No. 6 to Langdon Wind, LLC for the construction, operation, and maintenance of a wind energy conversion facility in Cavalier County, North Dakota (“Langdon WEC”). The Commission approved subsequent amendments to Certificate of Site Compatibility No. 6 in Case Nos. PU-07-722, PU-08-159, and PU-18-186.
2. In an order dated November 8, 2018 issued in Case No. PU-18-336, the Commission transferred the Certificate of Site Compatibility No. 6 from Langdon Wind, LLC and issued First Reissued Third Amended Certificate of Site Compatibility No. 6 to Langdon Renewables.
3. Section 49-22-16.4(3) of the North Dakota Century Code (“N.D.C.C.”) and section 69-06-11-02(2) of the North Dakota Administrative Code (“N.D. Admin. Code”) require that a wind energy conversion facility for which a certificate of site compatibility was issued before June 5, 2016 must be equipped with a functioning light-mitigating technology by December 31, 2021.
4. In compliance with these requirements, Langdon Renewables intends to commence construction activities to improve the Langdon WEC site by installing an Aircraft Detection and Lighting System (“ADLS”), which is a radar-based system that automatically activates obstruction lighting on wind turbines upon detection of aircraft approaching within defined parameters, and by installing ADLS lighting on wind turbines that currently have traditional Federal Aviation Administration (“FAA”) lights installed.
5. Construction to install the ADLS is required in order to comply with the requirements of N.D.C.C. § 49-22-16.4(3) and N.D. Admin. Code § 69-06-11-02(2). Improvements necessary for ADLS installation will be located as depicted on the map attached hereto.

6. In accordance with N.D.C.C. § 49-22-03(3)(a), Langdon Renewables certifies as follows:
 - a. The installation of an ADLS is an improvement to the Langdon WEC.
 - b. The activities required to install the ADLS will be conducted wholly within the geographic location for which a Certificate of Site Compatibility was previously obtained.
 - c. The construction activities are for the installation of ADLS and will include the installation of two ADLS radar towers, additional underground power and fiber cables, and temporary staging areas along existing wind turbine roads.
 - d. ADLS installation and associated construction activities will occur in areas in which an environmental analysis was previously conducted for the Langdon WEC site. ADLS construction locations were evaluated relative to the Exclusion and Avoidance Areas set forth in N.D. Admin. Code § 69-06-08-01. This evaluation determined that ADLS will not permanently or temporarily affect any known Exclusion or Avoidance Areas.
7. Langdon Renewables will continue to comply with all applicable conditions and protections in siting laws and rules and Commission orders previously issued for the Langdon WEC.
8. Langdon Renewables intends to begin construction to install the ADLS on or after October 5, 2020. Langdon Renewables will perform construction during the fourth quarter of 2020 until weather requires construction to cease and will resume construction as weather allows in the spring of 2021. Langdon Renewables anticipates the ADLS being fully installed and activated by December 31, 2021.


Lane Witten
Assistant Vice President
Langdon Renewables, LLC

STATE OF FLORIDA)
)
COUNTY OF PALM BEACH)

 ss.

On this 1 day of October, 2020, before me personally appeared Lane Witten, known to me to be the Assistant Vice President and representative of Langdon Renewables, LLC, that is described within and executed, acknowledged, and affirmed to me that such company executed the same.

 6/25/23
Expiration of Commission



Notary Public

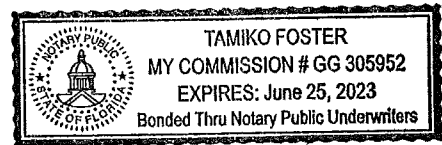
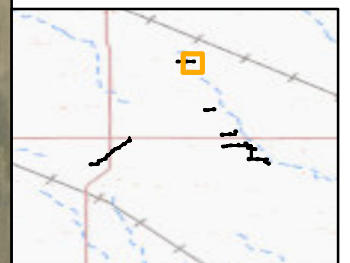
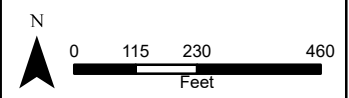


Figure 1
Langdon I
Wind Energy Center
Proposed ADLS
Radar Tower Locations
CAVALIER COUNTY, ND



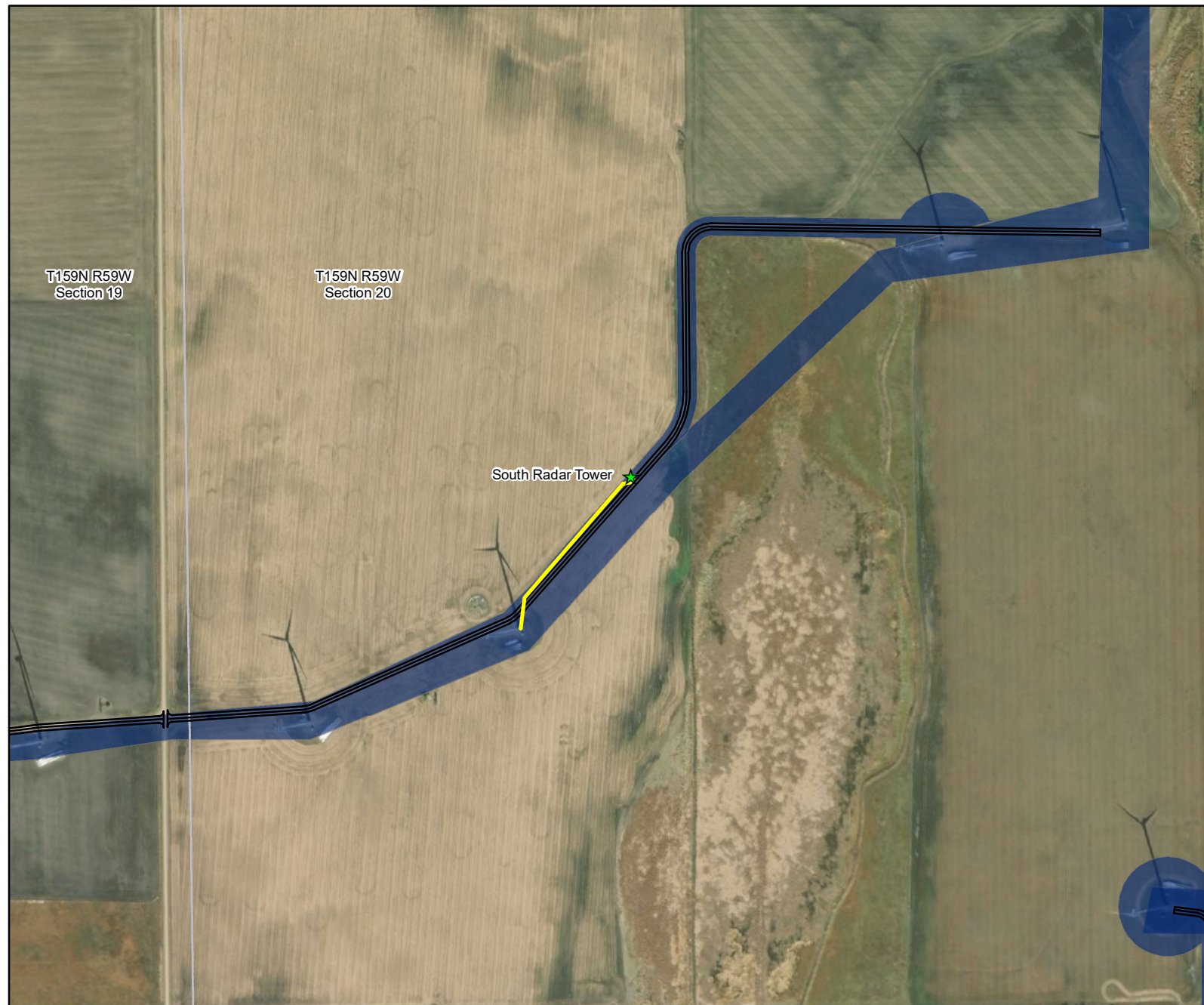
- ★ Proposed North Radar Tower
- Collection Line
- Service Road
- - - PLSS Section
- Surveyed
- Reviewed Feature**
- Stream
- Wetland

Known archaeological sites are not depicted due to confidentiality, but the proposed ADLS project avoids these resources.



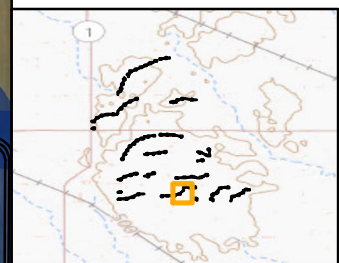
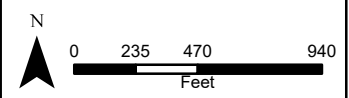
Source: Map adapted from ArcGIS Map Server World Imagery. Project data provided by NexEra Energy - Radar Towers (09-17-2020)

Figure 2
Langdon I
Wind Energy Center
Proposed ADLS
Radar Tower Locations
CAVALIER COUNTY, ND



- ★ Proposed South Radar Tower
- Collection Line
- Service Road
- - - PLSS Section
- Surveyed
- Reviewed Feature
- Stream
- Wetland

Known archaeological sites are not depicted due to confidentiality, but the proposed ADLS project avoids these resources.



Source: Map adapted from ArcGIS Map Server World Imagery. Project data provided by NextEra Energy - Radar Towers (09-17-2020)