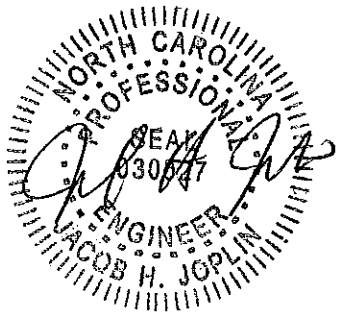
CARTERET CRAVEN ELECTRIC COOPERATIVE

REQUEST FOR MONOPOLE

9202 Coast Guard Road
Emerald Isle, NC 28594

Request for Monopole

INDEX



9-27-16

Summary

The proposed project is to replace a 65-foot existing wood pole with a 100-foot above ground line (AGL) galvanized steel monopole within the existing electrical substation located at 9202 Coast Guard Road. The 65-foot wood pole currently supports an antenna which allows the cooperative's headquarters to communicate with the electrical equipment operating within the substation. This communication path provides electrical data necessary for the cooperative to efficiently operate the electrical grid. Recently, communication has been intermittent during certain weather conditions and seasonal patterns. In order to improve the quality of this communication, plans are to install the 100-foot monopole and use it to both improve substation communications and to support the smart grid initiatives of the cooperative.

The cooperative's smart grid initiatives will improve electrical infrastructure reliability and modernize the electrical grid by communicating with smart grid devices deployed in the Town of Emerald Isle and surrounding areas. The monopole will only be used to support the cooperative's utility infrastructure. It will not be used to provide private telecommunications service.

In 2014, the cooperative started deploying smart grid devices across its service territory. The first wave of these smart grid devices were "smart meters," which provide automated two-way communications between the cooperative's AMI (Automated Metering Infrastructure) network and the member's electric meters. To date, the cooperative has replaced more than 84% of the meters on its electrical grid with smart meters. Out of the areas left to be completed, the Town of Emerald Isle is one of the largest, with approximately 1,600 meters left to be replaced.

During smart meter deployment, the cooperative discovered that additional communication sites were needed to support high density areas such as Emerald Isle. Sensus, the cooperative's AMI manufacturer, selected the cooperative substation site at 9202 Coast Guard Road as the optimal location to communicate with smart grid devices across the town and surrounding areas.

Demonstration of Need - Benefits of Smart Grid

Smart meters communicate metering information that can be used by both cooperative members and cooperative staff. With the AMI system, members have remote access to their usage data through a secure cooperative website. This data can be used to monitor their electrical usage within their homes and give them the ability to reduce usage and promote conservation.

The cooperative's staff utilizes the AMI system to immediately read a member's meter to better address high energy usage concerns or energy consumption questions. The AMI system monitors meter reading data to help detect faulty homeowner equipment, such as heat strips that are inadvertently active during summer months. Identification and repair of faulty equipment will conserve electricity and save homeowners' money.

The AMI system allows the cooperative staff to develop more accurate engineering models that provide better scheduling of system projects designed to improve reliability. For example, models may show that construction is needed more urgently to improve reliability or it may show that construction can be postponed, saving money for the cooperative and its members.

Besides enhanced meter reading data, the AMI system and smart meters constantly monitor a member's electrical service for power quality events. The most significant of these events are "power outage" and "power restore" alarms. The smart meters report when the power is off at a member's service and when it is restored to proper levels. Ever since the cooperative was formed in 1940, it has relied on its members to report when the power was out to their homes. With the new system, the cooperative is no longer dependent on notification by the member, and, in many cases, the cooperative will have service personnel dispatched before the member is aware of the outage. This helps resolve an issue for seasonal homeowners who return to their vacation homes to find that the power has been off for several weeks. The cooperative now has a system in place to ensure that the power stays on and at proper levels to these unoccupied seasonal homes.

The outage and restore alarms feature also allow the cooperative to better coordinate service personnel during outages and major events. The AMI system will predict the source of an outage by geographically showing which members are out of power, then trace up line to the common protective device or opening point in the circuit. This helps cooperative dispatchers in routing service personnel to the correct location and reducing outage time. The "power restore" alarm also keeps the cooperative's dispatch up to date on which homes are still without power and prevents multiple truck rolls to check on homes that have already had power restored.

Other power quality events monitored by the smart meters are voltage fluctuations, improper amps, and equipment temperature. The system alerts the cooperative to events that are out of acceptable limits. This allows cooperative personnel and members to proactively schedule work and resolve issues before they become prolonged outages.

While the smart meters will be the first wave of devices to utilize the new monopole, the cooperative also has plans to add automation to the equipment within the substation. The new automation equipment will work together with the smart meters to ensure a constant voltage across the electrical grid, reducing waste and conserving electricity.

Demonstration of Need - Additional Benefits

All communication between the cooperative and the electrical substation is currently supported by the 65-foot wood pole that is located beside the control house inside the station. The cooperative plans to remove this pole and transfer all communications to the new 100-foot pole. This increase in height will improve the signal strength of the existing substation communication.

Besides supporting communication, the pole will also provide lightning protection and additional site lighting for security and protection of the station. At the top of the monopole, a lightning rod will be positioned to attract lightning strikes and provide a clear path to ground. The lightning protection will prevent power interruptions and provide protection for sensitive electronics located at the substation site.

Additional site lighting installed on the monopole will provide increased visibility and promote security. New energy efficient LED fixtures focused towards the ground will provide site lighting without light pollution directed towards the top of the monopole.

Co-location Opportunities

The proposed location of the 100-foot monopole was selected by the cooperative's AMI manufacturer, Sensus, a Raleigh-based company. The company studied the propagation of the network's radio signal and chose the location at the substation site for optimal performance and signal strength. The propagation study provided by Sensus is included as Exhibit A.

Per the town's Unified Development Ordinance, the cooperative assessed potential opportunities for co-location within a 5,000-foot radius of the proposed point of construction. The water tower at 9302 Coast Guard Road was identified as a possible site for co-location of antenna facilities. The water tower has sufficient height to deploy the cooperative antenna, which is proposed to be installed at 100-feet above ground level.

Although the height is sufficient, the cooperative is requesting that the town allow the monopole to be installed on the substation property, rather than on the water tower. Whenever practical the cooperative wants to own and control the AMI network and related hardware. The cooperative is bound by both federal and state regulations that require physical security and routine inspections by cooperative personnel. The substation site currently meets the regulations; it is enclosed with a seven-foot high chain link fence with one-foot of barb wire. It has security cameras, appropriate signage, and area lighting to meet safety codes and deter theft. Further, the substation is visited by cooperative personnel at a minimum of once a month to ensure that all equipment is in good order and functioning properly. The monopole would be added to the inspection routine and receive the same appropriate level of inspection.

Having the monopole inside the substation provides shelter and isolation for the equipment. There the equipment will be directly powered off the transmission source providing the greatest opportunity for the equipment to stay powered during major events, which is when the system is needed most, aiding in the restoration of power.

With the equipment being inside the substation, cooperative personnel would have 24/7 access. The cooperative's stand-by equipment includes bucket trucks that can reach the tower for maintenance and repairs. If the antenna were located on the Bogue Banks Water Tower, the cooperative would have to rely on contractors and their work schedules to access the tower.

As stated earlier, others benefit of locating the monopole at the substation site include additional lightning protection for adjacent electrical equipment and improved lighting to deter theft. Although the substation at Emerald Isle has not been affected by theft, the cooperative has had two stations in close proximity vandalized, with thousands of dollars of damages.

Along with the additional advantages described above, the cooperative also analyzed the economics of installing a monopole verses co-locating on the water tower. The installation cost of the monopole plus all of the additional benefits make it a much better solution for the cooperative and its members. Over time the pole will save money for the cooperative member plus improve the quality of electrical service to their homes.

New Construction Provision for Co-location

The monopole will be constructed with the future opportunity for a second public utility to form a partnership with the cooperative and utilize space on the monopole. A similar partnership exists between the cooperative and the Town of Pine Knoll Shores, which allows the cooperative's AMI network to read both its electric meters and the town's water meters.

Federal Certification

The Federal Aviation Administration has conducted an aeronautical study for the monopole and concluded that it does not exceed obstruction standards and would not be a hazard to air navigation. A copy of the FAA determination is attached as Exhibit B.

Certification of Compliance with FCC's Implementation of National Environmental Policy Act of 1969

The proposed monopole will be located inside an existing substation site, which is developed and contained with a gravel landscape. An environmental assessment is not required since the site is pre-established and does not contain areas of wildlife preserves, endangered species, or historically sites.

Radiofrequency

The cooperative radio equipment shall operate at FCC licensed frequencies 901, 928, 940, and 952 MHz. Frequencies 928 and 952 MHz are licensed by the cooperative for substation communications. Frequencies 901 and 940 MHz are authorized to Sensus Spectrum LLC, who provides the smart grid devices purchased by the cooperative. The calculated and proposed radio frequency levels will remain less than the Maximum Permissible Exposure Limits adopted by the FCC and ANSI in applicable standards. A copy of the FCC license for radio operations is attached as Exhibit C.

Survey with Fall Radius – Structural Integrity

Exhibit D includes a survey noting that the proposed monopole is compliant with all technical specifications provided in federal, state, and town code, and a certification that the proposed structure is stable and capable of withstanding extreme hurricane wind loading as required by

Section 25 of the 2012 National Electrical Safety Code. The structure's strength and loading calculations are in compliance to withstand a 50-year storm. There are no existing or potential tenants for the property.

The parcel at 9202 Coast Guard Road is greater than 10,000 square feet. The fall radius of the proposed monopole lies within the parcel and does not extend into neighboring property. The center of the monopole shall be located in the geometric center of the property.

The existing substation parcel is screened at the front by a vegetation buffer. This existing screen will aid in camouflaging the monopole structure from the vantage point of Coast Guard Road. The structure will be located in an area that is already populated with utilities—the cooperative's substation and the adjacent water treatment plant.

Insurance Requirement

The cooperative maintains an insurance policy with Federated Insurance for general liability insurance in the amount of $2,000,000 per occurrence. A certificate of insurance naming the Town of Emerald Isle as a certificate holder is attached as Exhibit E.

Statement of Financial Responsibility

The cooperative is financially responsible and capable of meeting financial obligations. Financial statements are available from the cooperative upon request. The monopole will be removed and associated area cleaned up if ever the cooperative terminates the operation of the radio equipment.

Support Structure Type

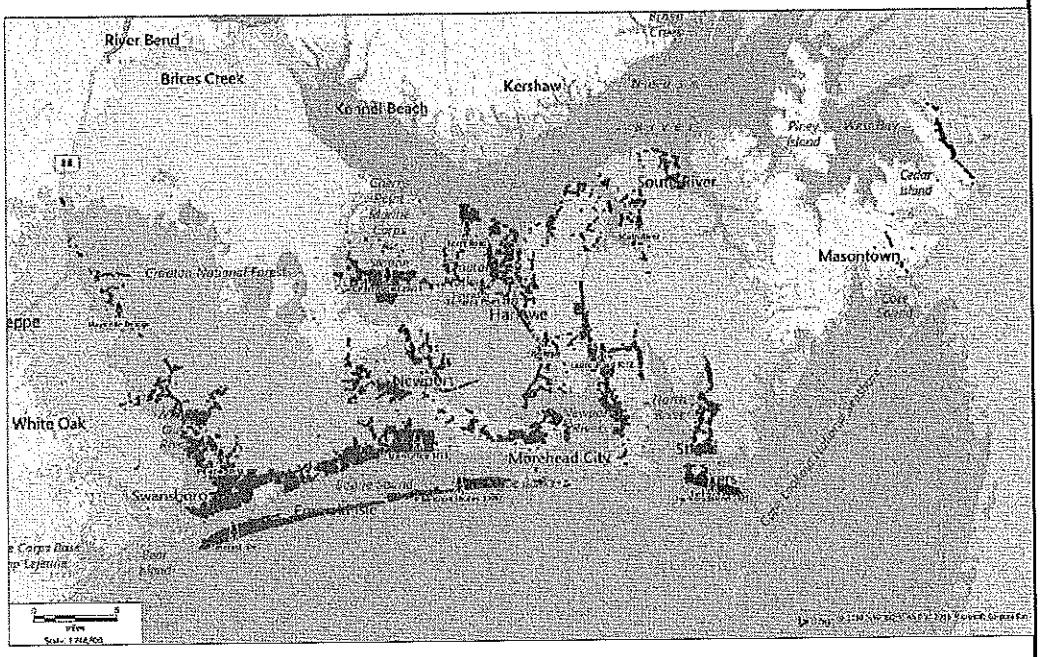
The proposed monopole is self-supported and does not include guy wires or external bracing for support. The finish of the monopole is flat gray and will blend into the existing landscape. Lighting attached to the structure will be located at 30-foot AGL and will provide additional lighting for the substation site and the equipment at the ground. The lighting will not be directed towards the top of the structure.

Permitted Height

The height of the proposed monopole does not exceed the minimum height necessary to accomplish the technical objectives of the cooperative's smart grid equipment. The 100-foot monopole will be constructed so that it does not have any component more than seventy-five (75) feet above the average adjacent tree or building line. The existing adjacent structures inside the electrical substation and on adjacent properties range from 25- to 85-feet in height and can be seen on the attached satellite and street view maps.

The landscaping at the electrical substation site includes several existing vegetative buffers which block the street view of the majority of the utility equipment. The open areas allow access in and out of the station and provide a pathway for the electrical circuits to exit the station. The addition of the 100-foot monopole in the center of the station would blend with the rest of the structures and utility equipment. The attached satellite and street view maps show the proposed 100-foot pole and existing surrounding structures.

Exhibit A Network Propagation Study



FlexNet Design
Propagation Analysis

(NRTC) CCEMC
Newport, NC

RF Engineer: Beth MacMurray
Date: 01/05/2016
Version: 3

FSK: 13
Meter Type: Mixture
Smart point Location: Mixture

LEGEND:
- Area of Coverage
- Base Station
- Electric Meter
- Water Meter

sensus

This propagation study is based on actual information provided by the utility pertaining to meter type, Smart point Location, potential antennae height on structure, structure height, and structure location. Any changes, deletions and/or additions that are not provided to the design engineers during the creation of this design may result in a study that does not correlate to actual field conditions.

For all tower mounted antennas, a minimum antenna standoff of 3' is required from the tower.

Exhibit B Federal Certification

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2016-ASO-8637-OE

Issued Date: 07/29/2016

Jacob Joplin
Carteret Craven Electric Cooperative
1300 Hwy 24 West
Newport, NC 38570

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower Emerald Isle Tower (Monopole)
Location:	Emerald Isle, NC
Latitude:	34-39-35.00N NAD 83
Longitude:	77-03-43.00W
Heights:	11 feet site elevation (SE)
	100 feet above ground level (AGL)
	111 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 L.

This determination expires on 01/29/2018 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

Exhibit C – FCC License

☐ This license has pending applications: 0007395829			
Call Sign	KNKV204	Radio Service	CN - PCS Narrowband
Status	Active	Auth Type	Regular
Market			
Market	NWA255 - U.S. and Possessions	Channel Block	04
Submarket	5	Associated Frequencies (MHz)	000901.15000000-000901.20000000 000940.15000000-000940.20000000
Dates			
Grant	09/15/2014	Expiration	09/29/2024
Effective	09/15/2014	Cancellation	
Buildout Deadlines			
1st	09/29/1999	2nd	09/29/2004
Notification Dates			
1st	09/29/1999	2nd	10/13/2004

Licensee			
FRN	0015015019	Type	Limited Liability Company
Licensee			
Sensus Spectrum LLC 8350 Greensboro Drive, Suite 522 McLean, VA 22102 ATTN Stanton B. Woodcock		P:(703)635-4770 F:(703)847-2045 E:stan.woodcock@sensus.com	
Contact			
GehmanLaw, PLLC Julian P Gehman 910 17th Street, NW, Suite 800 Washington, DC 20005 ATTN Julian Gehman		P:(202)223-1177 F:(202)955-1177 E:julian@gehmanlaw.com	
Ownership and Qualifications			

Exhibit C – FCC License

Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CARTERET–CRAVEN ELECTRIC MEMBERSHIP CORP

ATTN: KEN BAYSDEN
CARTERET–CRAVEN ELECTRIC MEMBERSHIP CORP
1300 HWY 24
PO BOX 1490
NEWPORT, NC 28570

Call Sign	
WNEH948	
File Number	
0005200866	
Radio Service	
MG - Microwave Industrial/Business Pool	
SMSA	Station Class
	FXO

FCC Registration Number (FRN): 0001961572

Grant Date	Effective Date	Expiration Date	Print Date
03-09-2012	05-22-2012	05-08-2022	05-25-2012

LOCATION

Fixed Location Address or Area of Operation:
HWY 24 W
City: MOREHEAD CITY County: CARTERET State: NC

Loc No.	Location Name	Latitude	Longitude	Elevation	Antenna Structure Registration No.
001	STATION	34-44-05.5 N	076-52-38.7 W	8.5	

FREQUENCY PATHS

Frequency (MHz)	Tol (%)	Emission Desig	EIRP (dBm)	Constr Date	Path No	Seg	Emit Loc No	Ant Hgt (m)	Gain (dBi) Reflector Ht(m)xWd(m)	Beam (deg)	POL	AZIM (deg)	Rec Loc No	Rec Call Sign
952.38125	0.00015	12K0F2W	45.200		001	1	001	52.4	11.2	OMNI	V	OMNI	001	REMOTE
This is a multiple address system master-to-remote path.														
928.38125	0.00015	12K0F2W	47.000		002	1	001	6.1	12.2	30.0	V	VARY	001	MASTER
This is a multiple address system remote-to-master path.														

Waivers/Conditions:
License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

MULTIPLE ADDRESS SYSTEM AUTHORIZED WITH MASTER STATION ON 952.38125 AT STATED COORDINATES & REMOTE STATIONS ON 928.38125.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Exhibit D – Survey with Fall Radius – Structure Integrity

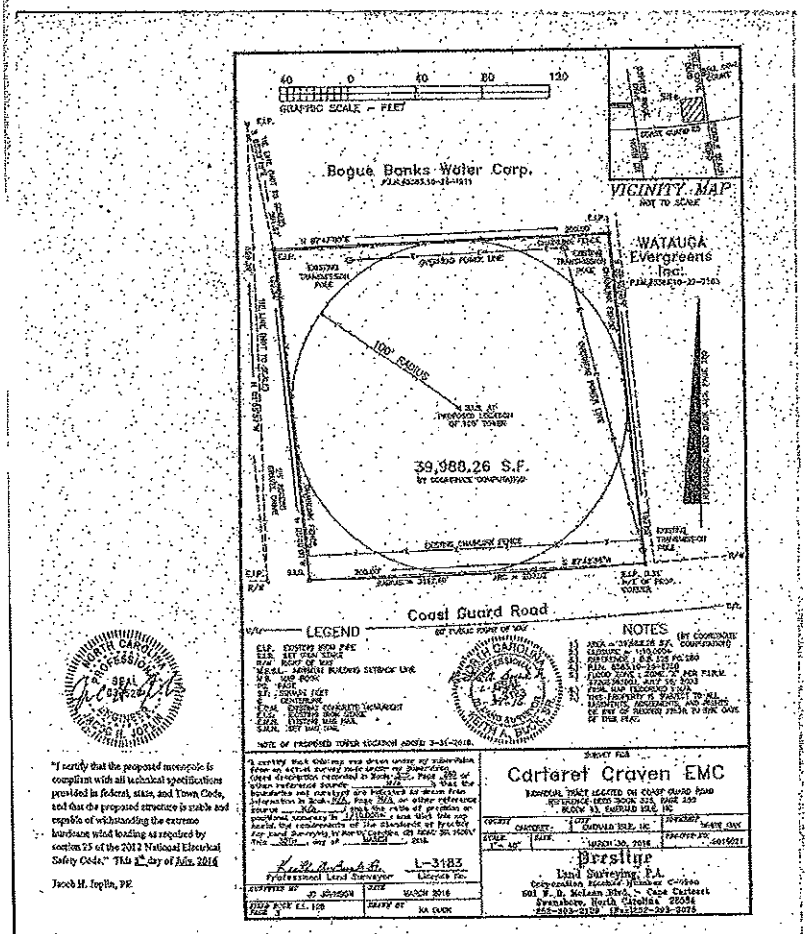


Exhibit E - Insurance Certification

CERTIFICATE OF INSURANCE

7/5/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURERS(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

THIS IS TO CERTIFY THAT: Carteret-Craven EMC
P.O. Box 1490
Newport, NC 28570

FEDERATED RURAL ELECTRIC INSURANCE EXCHANGE

NAIC: 11118
P.O. Box 15147, Lenexa, KS 66285-5147
(913) 541-0150 fax (913) 541-9004
www.federatedrural.com

IS, AT THE ISSUE DATE OF THIS CERTIFICATE, INSURED BY THE COMPANY UNDER THE POLICY(IES) LISTED BELOW. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOW MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE OF INSURANCE	POLICY NUMBER	POLICY DATES	LIMITS ($)	
GENERAL LIABILITY COMMERCIAL GENERAL LIABILITY OCCURRENCE-BASIS COMPREHENSIVE FORM PREMISES / OPERATIONS UND / EXPLOSION & COLLAPSE PRODUCTS / COMP OPS CONTRACTUAL BROAD-FORM PROPERTY DAMAGE NO GENERAL AGGREGATE	32 ARB 021-16	1/1/2016 to 1/1/2018	EACH OCCURRENCE	$2,000,000
			DAMAGE TO RENTED PREMISES	$2,000,000
			MED EXP (PER PERSON)	$1,000
			PERSONAL & ADV INJURY	$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EQUIPMENT / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER:

Town of Emerald Isle
Hwy 58
Emerald Isle, NC 28594

CANCELLATION:

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE:

Wm C. West

FREIE Cert v.8/10

Exhibit F –Notification to Adjacent Property Owners

CCEC

Carteret-Craven Electric Cooperative

www.carteretcravenelectric.coop

July 15, 2016

Glenn and Bonnie Bumpous
107 Oxford Place
Frankford, KY 40601

Subject: Proposed 100' Monopole

Dear Mr. and Mrs. Bumpous,

Carteret-Craven Electric Cooperative wishes to inform you that we have submitted an application to the Town of Emerald Isle for a 100' above ground line monopole to be located in the center of the cooperative's property at 9202 Coast Guard Road. The monopole will support an antenna which will communicates with Carteret Craven Electric Cooperative's Automated Meter Infrastructure (AMI) dispersed across the cooperative's electrical system within the Town of Emerald Isle and surrounding areas.

The cooperative's AMI system uses "smart meters" to provide automated two-way communications between the utility and the customer's electric meters. The AMI system communicates meter readings, outage notifications, and alarm conditions, which benefits the cooperative's members. The system also provides electricity usage information to the cooperative's members, giving them the data necessary to promote conservation. In addition, the AMI infrastructure can be utilized to take advantage of "smart grid or grid modernization" applications to improve the cooperative electrical system's efficiency.

If you have any questions or concerns please give me a call, my direct dial number is (252)727-2205.

Sincerely,

Jacob H. Joplin, PE
VP of Engineering and Operations

Exhibit F –Notification to Adjacent Property Owners

CCEC

Carteret-Craven Electric Cooperative

www.carteretcravenelectric.coop

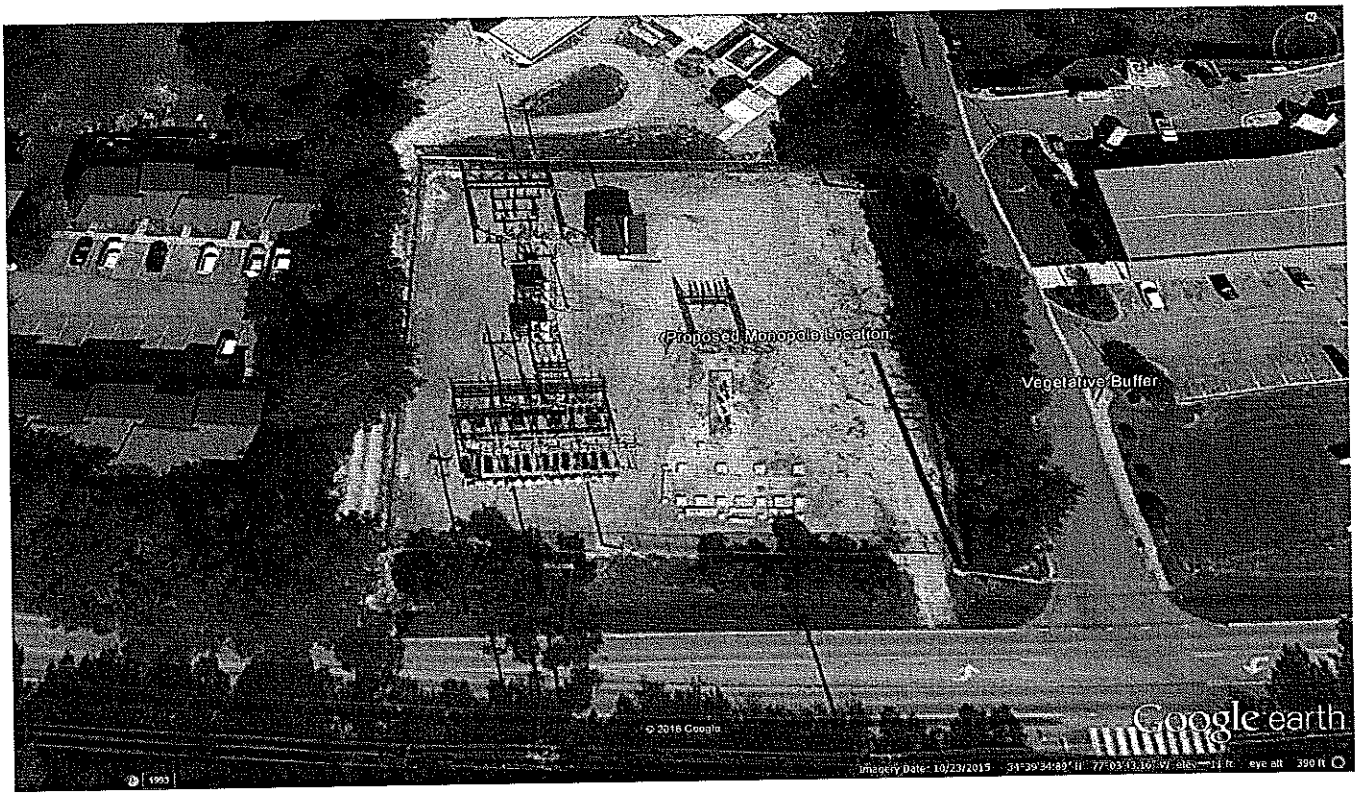


Exhibit F – List of Property Owners Notified

James and Nancy Pate
9102 Coast Guard Rd
Emerald Isle, NC 28594

Watson Family Assets, LLC
9102 Coast Guard Rd
Emerald Isle, NC 28594

Pebble Beach Resorts, Inc.
7413 Emerald Dr.
Emerald Isle, NC 28594

Coastal Land Ventures, Inc.
8201 Emerald Dr.
Emerald Isle, NC 28594

Osprey Ridge Townhome Association
1444 Aversboro Dr.
Garner, NC 27529

Seola Hill
Bogue Banks Water Corporation
PO Box 4009
Emerald Isle, NC 28594

Lillian Harter
306 Bell Cove Ct
Emerald Isle, NC 28594

Frank and Patricia Snyder
306 Bell Cove Ct
Emerald Isle, NC 28594

Block 43 Partnership
8810 Emerald Drive
Emerald Isle, NC 28594

Karla Jones
2699 Stokes Circle
Kinston, NC 28504

Dwight Brohard
86 Graham Lane
Mineral Wells, WV 26150

Garrett and Cynthia Bridges
302 Osprey Ridge Dr #8
Emerald Isle, NC 28594

Ronald Watson
Watauga Evergreens Inc.
9102 Coast Guard Rd
Emerald Isle, NC 28594

Exhibit F – List of Property Owners Notified

John Armstrong
7265 Parma Park Boulevard
Parma, OH 44130

Edward Fulcher
521 Neptune Drive
Cape Carteret, NC 28584

James and Patti Garrison
300 Osprey Ridge Ct
Emerald Isle, NC 28594

Phillip Zukowski
302 Osprey Ridge Ct
Emerald Isle, NC 28594

Dan and Lisa Leonard
1022 Waterview Ct
Carolina Beach, NC 28420

James and Joanna Anglin
104 Lockfield Dr.
Clayton, NC 27520

Lee and Denise Throckmorton
9253 Osprey Ridge Drive
Emerald Isle, NC 28594

Gary and Debra Lee
307 N. Osprey Drive
Emerald Isle, NC 28594

Edward and Donna Dancausse
307 N. Osprey Drive
Emerald Isle, NC 28594

Thomas and Virginia Kroll
9257 Osprey Ridge Drive
Emerald Isle, NC 28594

Joseph and Helen Gross
154 Sunset Drive
Cedar Point, NC 28584

Jonathan Webre
340 S. Club Ave
Saint Garriel, LA 70776

Daniel O'Connell
97 S. Lake Dr
Patterson, NY 12563

Lana Mansfield
306 Daisy Court
Emerald Isle, NC 28594

Exhibit F – List of Property Owners Notified

Glenn and Bonnie Bumpous
107 Oxford Place
Frankford, KY 40601

David and Joy Patton
1694 Mud Cut Rd
Marion, NC 28752

Robert and Brenda Ward
2677 Saddlewood Circle
Concord, NC 28927

Dewey and Mary Bennett
3507 Rugby Rd
Durham, NC 27707

Mildred Blackman
443 Elm Bend Rd
Brevard, NC 28712

John and Lorion Vitale
101 Terry Ct
Raleigh, NC 27615

Raymond Banks Jr.
PO Box 448
Maysville, NC 28555

Judy Humphries
4819 NC Hwy 55 East
New Bern, NC 28560

Delbert and Linda Greeson
PO Box 278
Whitsett, NC 27377

Fulcher Edward
521 Neptune Dr
Cape Carteret, NC 28584

Vernon and Delores Tickle
2346 Mounthope Church Rd
Whitsett, NC 27377

Raymond and Nancy Drake
504 North Shore Dr.
Sneads Ferry, NC 28460

John Dellavedova
2811 Newlins Rd West
Easton, PA 18040

William Milani
1235 Silver Beach Way
Raleigh, NC 27606

Exhibit F – List of Property Owners Notified

Maylon McDonald
207 Berkshire Rd
Greenville, NC 27834

Carol Fernando
4486 College Rd
South Euclid, OH 44121

Scott and Ann Stoioff
203 Brompton Ct
Burlington, NC 27215

Johnie and Bessie Dew
4712 Joseph Michael Ct.
Raleigh, NC 27606

Flore and Georgia Derogatis
137 Fawn Ct
Emerald Isle, NC 28594

Amy Broadway
139 Fawn Ct
Emerald Isle, NC 28594

Rebecca Peed
225 N. Holland Point Dr
Stella, NC 28582

Louis Cipriani III
300 Osprey Ridge Dr. #7
Emerald Isle, NC 28594

James and Lynne Vinson
1008 Edgewater Dr.
Garner, NC 27529

George and Rose Mills
210 Southbank Dr
Cary, NC 27518

James Michales
300 Osprey Ridge Dr. #10
Emerald Isle, NC 28594

Henry and Kathryn Gorham
9816 Clarendon Ct.
Emerald Isle, NC 28594

Roger and Brenda Whitman
7403 S NC 87
Graham, NC 27253

John and Teresa Bailey
5103 Pridgen Rd
Elm City, NC 27822

Exhibit F – List of Property Owners Notified

Anthony Boyle
300 Osprey Ridge Rd #19
Emerald Isle, NC 28594

Patrick and Monica Dooley
203 Albatros Ct
Emerald Isle, NC 28594

Dinah Kirby
300 Osprey Ridge Dr Apt 1
Emerald Isle, NC 28594

Leslie O' Connor
2388 Lalemant Rd
University Heights, OH 44118

Keith Brinson
396 Bugshop Rd
Princeton, NC 27569

Brenan Wolf
3361 Altherton Dr
Bethel Park, PA 15102

Debra Kinsler
742 Everist Dr
Aberdeen, MD 21001

Sanborn-Oneill Investments
PO Box 4716
Emerald Isle, NC 28594

Franklin and Arlen Sullivan
PO Box 1842
Simpsonville, SC 29681

Caitlin Johns
300 Osprey Ridge Dr #13
Emerald Isle, NC 28594

Surfside Ventures, LLC
112 Black Skimmer Rd
Emerald Isle, NC 28594

David Cooper
PO Box 253
Dumfries, VA 22026

Exhibit F – List of Property Owners Notified